PROCEEDINGS

OF THE

MADRAS GOVERNMENT

IN THE

PUBLIC WORKS DEPARTMENT.

BUILDINGS AND ROADS BRANCH,

FOR THE

MONTH OF DECEMBER 1891.

Printed by Authority.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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Jetty at Negapatam.—The Superintending Engineer, V Circle, directed to arrange for soundings being taken still further north of the —.	2nd Dec. No. 3228 W.	...	18th Mar. 1891, No. 1550 C. 1st April 1891, No. 1763 C. 11th May 1891, No. 1295 W. 16th June 1891, No. 1626 W. 13th Oct. 1891, No. 4462 C. 24th Oct. 1891, No. 4659 C.
Sea Customs offices in Tanjore District.—The Executive Engineer, Negapatam Division, authorised to carry out certain works in connection with — and Rs. 1,646 appropriated for the same.	2nd Dec. No. 3230 W.	...	......
Timber obtained from the Travancore territory for the Periyár Project Works.—Approving of the terms and conditions proposed by the Chief Engineer, Public Works Department, regarding the rates to be paid for —.	3rd Dec. No. 3241 W.	...	27th April 1883, No. 356 I. 4th July 1884, No. 625 I. 23rd Nov. 1885, No. 1925 C. 1st Dec. 1885, No. 2867 W. 7th Nov. 1886, No. 308 I. 7th Nov. 1889, No. 545 I. 28th Oct. 1891, No. 2862 W.
Estimates.—Orders on letter from the Government of India requesting that measures may be taken to expedite the submission of — for certain unsanctioned works for which allotments to the extent of Rs. 6,44,240 were made by the Government of Madras.	4th Dec. No. 3255 W.	...	......
Copy of above Proceedings forwarded to the Government of India.	4th Dec. No. 3255-A W.	...	......

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
Watchmen.—Orders regarding the employment of special — for the overseers' sheds at Udamalpet, Polláchi and Kótúr in the Coimbatore division.	1891. 7th Dec. No. 3274 W.	...	12th Nov. 1891, No. 5017 C.
Old Sub-Magistrate's cutcherry at Sálúr, Vizagapatam District.—The transfer of the — to the District Board on certain terms and conditions, approved.	7th Dec. No. 3275 W.	...	......
Vouchers.—The statement of — long overdue on the 15th October 1891, submitted by the Examiner, Public Works Accounts with the orders of Government entered against each item in the statement, communicated to officers concerned.	8th Dec. No. 3286 W.	...	6th April 1891, No. 952 W. 27th April 1891, No. 1154 W. 8th May 1891, No. 1268 W. 22nd July 1891, No. 3399 C. 20th Aug. 1891, No. 2259 W. 4th Sept. 1891, No. 2359 W.
Old Sub-Registrar's office at Bimlipatam.—The sale of the materials of the — by public auction, sanctioned.	8th Dec. No. 3287 W.	...	25th Oct. 1882, No. 2793 W. 12th Jan. 188f, No. 105 W. 18th Aug. 1886, No. 2077 W. 14th Jan. 1891, No. 149 C. 20th Mar. 1891, No. 819 W. 19th May 1891, No. 2550 C. 1st June 1891, No. 2736 C. 5th Sept. 1891, No. 3939 C.
Local Allowances.—Letter from the Government of India calling for certain information with reference to the proposal for the grant of — to Public Works employés in the hill tracts of Ganjam, communicated to the Superintending Engineer, I Circle, and the Financial Department for compliance.	8th Dec. No. 3288 W.	...	5th Jan. 1891, No. 9 W. 11th Sept. 1891, No. 4031 C. 29th Sept. 1891, Nos. 2602-03 W.
Iron ore.—Agreeing with the Chief Engineer in considering that the proposal to use — in the manufacture of concrete blocks for the Madras Harbour is impracticable.	8th Dec. No. 3289 W.	...	6th Nov. 1891, No. 4896 C.
Railway hospital building at Nandyál.—Ordered that the Government of Bombay be addressed on the subject of the refund to the Southern Mahratta Railway Company of the value of the land relinquished by that Company on which the — was constructed.	8th Dec. No. 3290 W.	...	4th Feb. 1882, No. 320 W. 20th Feb. 1884, No. 464 W. 3rd Sept. 1890, No. 2360 W. 20th Oct. 1890, No. 277 W.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
	1891.		(*Continued.*) 9th June 1891, No. 340 D. 11th July 1891, No. 530 D. 26th Aug. 1891, No. 768 C. 17th Nov. 1891, No. 5118 C.
The Government of Bombay addressed ...	8th Dec. No. 3291 W.	...	......
New High Court buildings.—Letter from the Government of India calling for an estimate for the aggregate amount of the — inclusive of the block of buildings to contain chambers for Vakils and Barristers as well as an additional Small Cause Court, communicated to the Consulting Architect to Government.	9th Dec. No. 3301 W.	...	17th April 1889, No. 1058 W. 17th Sept. 1890, No. 2489 W. 3rd Nov. 1890, No. 2908 W. 7th Feb. 1891, No. 351 W. 17th Mar. 1891, No. 769 W. 15th June 1891, No. 1619 W. 29th Oct. 1891, Nos. 2878–79 W.
Revolvers.—Proceedings in the Military Department, communicating letter from the Inspector-General of Ordnance regarding procedure to be observed with reference to requisitions for the issue of — to departmental Warrant and Non Commissioned officers, communicated to Superintending Engineers for information and guidance.	9th Dec. No. 3302 W.	...	28th Mar. 1888, No. 1017 W. 10th April 1888, No. 1082 W. 24th Nov. 1891, No. 5272 C.
Funds.—Certain surrender of — in Tinnevelly division resumed and credited to the reserve and an allotment made to that division under tools and plant.	9th Dec. No. 3303 W.	...	21st Jan. 1887, No. 177 W. 9th July 1891, No. 3238 C. 16th Oct. 1891, No. 2735 W. 22nd Oct. 1891, No. 2779 W. 7th Nov. 1891, No. 4928 C.
Sub-Registrar's office.—Estimate of Rs. 3,550 for constructing a — at Mannárgudi in South Arcot district, sanctioned.	9th Dec. No. 3304 W.	...	25th July 1890, No. 2037 W. 13th May 1891, No. 1320 W.
Funds.—Sanctioning certain transfer of — to the newly constituted Salem division.	9th Dec. No 3305 W.	...	22nd Oct. 1891, No. 2783 W.
Funds.—Orders on letter from Superintending Engineer, III Circle, surrendering — amounting to Rs. 17-14-9 under Civil Buildings, Major Works, Cuddapah division.	9th Dec. No. 3306 W.	...	16th June 1890, No. 1663 W.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
Buildings.—Certain — ordered to be omitted from the Capital and Revenue Accounts of Government buildings let or available for rent as private residences.	1891. 9th Nov. No. 3307 W.	...	16th Oct. 1883, No. 2914 W. 20th June 1884, No. 1553 W. 6th July 1887, No. 1806 W. 8th July 1887, No. 1833 W. 19th Nov. 1887. No. 3131 W. 12th Jan. 1888, No. 116 W. 26th Jan. 1888, No. 310 W. 10th Mar. 1888, No. 801 W. 12th April 1888, No. 1104 W. 8th Dec. 1890, Nos. 3253-54 W. 5th Jan. 1891, No. 10 W. 17th Jan. 1891, No. 246 C. 19th Mar. 1891, No. 1575 C. 30th Mar. 1891, No. 1750 C. 24th April 1891, No. 2242 C. 27th July 1891, No. 2021 W. 24th Sept. 1891, No. 945 D. 26th Nov. 1891, No. 5320 C. 8th Sept. 1890, Nos. 2417–18 W. 1st Oct. 1890, No. 2582 W. 14th Oct. 1890, Nos. 2696—98 W. 9th Dec. 1890, No. 3274 W. 5th Jan. 1891, No. 16 W. 26th Jan. 1891, No. 242 W. 6th Mar. 1891, No. 648 W. 14th Mar. 1891, No. 746 W. 24th July 1891, No. 1994 W. 26th Aug. 1891, No. 2296 W. 30th Sept. 1891, Nos. 2621–22 W. 23rd Oct. 1891, No. 2790 W.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
Sub-Registrar's office.—Estimate of Rs. 2,810 for constructing a — at Nattam in Madura district, sanctioned.	1891. 9th Dec. No. 3308 W.	...	......
Rents of buildings in Madura division.—Orders on the statement giving data for the calculation of —.	9th Dec. No. 3314 W.	...	22nd Sept. 1888, No 2981 W 30th Jan. 1889, No. 248 W. 22nd May 1889, No. 1367 W. 8th Sept. 1890, Nos. 2417-18 W. 19th Dec. 1890, No. 3389 W. 5th Jan. 1891, No. 10 W. 26th Jan. 1891, No. 242 W.
Taluk and Deputy Collector's office at Anantapur.—Revised estimate of Rs. 8,180 for improvements and alterations to the —, sanctioned with remarks.	9th Dec. No. 3315 W.	...	15th Oct. 1889, No. 2900 W.
Mr. A. Henry, F.R.G.S.—Letter from the Secretary, Public Works Department, India Office, London, requesting that — who is on a visit to India, may be afforded every facility for inspecting irrigation works, communicated to officers concerned with instructions.	9th Dec No. 3316 W.	...	......
The Secretary, Public Works Department, India Office, London, addressed.	9th Dec No. 3317 W.	...	......
Rain making experiments.—Recording, Proceedings of the Revenue Department, communicating, with remarks, suggestion of the Government Astronomer relative to certain information being obtained when — are undertaken.	10th Dec. No. 3331 W.	...	... ..
Kallai River bar.—Orders regarding the assistance to be rendered by Government officers in the collection and expenditure of money which the merchants offer to raise for cutting and keeping open the — in the interests of their timber trade.	11th Dec. No. 3342 W.	...	17th Jan. 1888, No. 188 W. 9th Mar. 1888, No. 1013 C. 4th June 1888, No. 1627 W.
Ecclesiastical works.—Intimating that G.O., No. 2746 W. dated, 7th October 1891, approving of the statement of churches and cemeteries to be repaired by the Public Works Department does not supersede the arrangements ordered in certain Proceedings under which the Military Works Department has charge of — at stations where the Public Works Department has wholly retired.	11th Dec. No. 3346 W.	...	23rd May 1890, No. 1487 W. 1st July 1890, Nos. 1805-6 W. 9th Sept 1890, No 2422 W. 2nd Sept. 1890, No. 2862 W. 22nd Aug. 1891, No. 3806 C.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
	1891.		(*Continued.*) 17th Oct. 1891, No. 2746 W. 2nd Nov. 1891, No. 4825 C.
Sanctions.—Proposals of the Examiner, Public Works Accounts, that all—be communicated to him in future by means of monthly statements, approved and sanctioned for adoption.	14th Dec. No. 3371 W.	...	11th June 1888, No. 1724 W.
Indent.—A special — for rubbers for the saddles of wire ropeway required for the Periyár Project works, ordered to be forwarded to the Director-General of Stores for compliance.	15th Dec. No. 3381 W.	...	30th Nov. 1891, Nos. 3198-99 W
Forwarded	15th Dec. No. 3382 W.	...	......
Returns.—Orders regarding the necessity for the continued submission of certain — by Executive Engineers to officers of other departments.	17th Dec. No. 3395 W.	...	31st Oct. 1889, No. 3078 W. 5th Dec. 1889, No. 606 I. 19th April 1890, No. 1150 W. 14th May 1890, Nos. 1356-57 W. 17th Nov. 1890, No. 3060 W. 14th Feb. 1891, No. 412 W. 14th Mar. 1891, Nos. 748-49 W. 11th Nov. 1891, No. 3008 W.
Copy of above proceedings forwarded to the Government of India.	17th Dec. No. 3396 W.	...	......
Veerappanayani cheruvu.—Sanctioning the execution by the Public Works Department of the work of constructing a flush weir and the reconstruction of a low level sluice of the —, in North Arcot district.	17th Dec. No. 3398 W.	...	......
Rents.—Statement giving data for calculation of — of buildings in the Buckingham Canal division corrected by the Examiner, Public Works Accounts, approved for adoption.	17th Dec. No. 3399 W.	...	23rd Sept. 1887, No. 2527 W. 6th June 1888, No. 1658 W. 22nd May 1889, No. 1367 W. 19th Dec. 1890, No. 3389 W. 5th Jan. 1891, No. 10 W. 26th Jan. 1891, No. 242 W. 6th Mar. 1891, No. 648 W.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
	1891.		(*Continued*) 13th June 1891, No. 1606 W. 23rd July 1891, No. 1974 W. 24th July 1891, No. 1994 W. 14th Aug. 1891, No. 3706 C. 9th Sept. 1891, No. 2424 W. 20th Nov. 1891, No. 5181 C.
Travellers' bungalow at Koraput.—The Superintending Engineer, I Circle, directed to submit the ground plan of the — showing all the out-houses, and directing that no steps be taken for the present regarding the acquisition of the Schleswig Holstein Mission building.	17th Dec. No. 3400 W.	...	10th May 1890, No. 1323 W. 19th Dec. 1890, No. 3389 W. 5th Jan. 1891, No. 10 W. 26th Jan. 1891, No. 242 W. 6th Mar. 1891, Nos. 648–49 W. 26th May 1891, No. 2675 C. 7th July 1891, No. 3206 C. 23rd July 1891, No. 3412 C. 28th July 1891, No. 3474 C. 23rd Sept. 1891, No. 2564 W. 18th Nov. 1895, No. 3092 W.
Accounts of Divisional offices.—Orders on proposals of the Examiner, Public Works Accounts, regarding the discontinuance of certain forms of procedure on the —.	17th Dec. No. 3405 W.	...	... ...
Establishment employed under Mr. Cousins.—Directing that charges incurred on account of the — be debited to "miscellaneous advances" pending final adjustment under orders in the Financial Department.	18th Dec. No. 3414 W.	...	19th Nov. 1891, No. 5155 C.
Rents.—Statement giving data for calculation of— of buildings in the Negapatam division, approved with remarks.	18th Dec. No. 3430 W.	...	8th Mar. 1889, No. 686 W. 22nd May 1889, No. 1367 W. 19th Dec. 1890, No. 3389 W. 5th Jan. 1891, No. 10 W. 26th Jan. 1891, No. 242 W. 6th Mar. 1891, Nos. 648–9 W.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
	1891.		(*Continued.*) 13th June 1891, No. 1974 W. 8th July 1891, No. 1878 W. 8th July 1891, No. 1879 W. 8th Sept. 1891, No. 2403 W. 28th Sept. 1891, No. 4259 C. 2nd Nov. 1891, No. 2930 W.
Funds.—Proceedings in the Financial Department regarding funds applied for by the Public Works Department from Port Funds to be carried out in 1892–93, communicated to Superintending Engineers concerned with remarks.	18th Dec. No. 3431 W.	...	19th Nov. 1890, No. 4750 C. 24th Nov. 1891, No. 5280 C.
Mr. Chatterton, Professor of Engineering in the Madras College of Engineering.—Letter from the Government of India communicating sanction of the Secretary of State to the proposal to attach —, to the Public Works Department for a period of two years for the purpose of acquiring practical training in the Public Works Department, and to an officer being transferred to replace him during his absence from the College, communicated to the Educational Department, with remarks.	18th Dec. No. 3432 W.	...	24th April 1891, No. 92 D. 5th June 1891, No. 311 D. 20th June 1891, Nos. 1666-7 W. 23rd Sept. 1891, No. 2561 W.
New Ghát Road between Burliar and Kullar.—Report of the opening of the — for wheeled traffic, recorded, and Mr. Larminie and Sub-Conductor Bragg commended for the rapidity with which they have restored the communication.	19th Dec. No. 3433 W.	...	23rd Oct. 1891, No. 4640 C. 27th Oct. 1891, No. 4739 C. 28th Oct. 1891, No. 2861 W. 4th Nov. 1891, No. 2952 W. 11th Nov. 1891, No. 4970 C. 19th Nov. 1891, No. 3116 W.
Old Taluk Cutcherry at Uppinangadi, South Canara District.—Orders regarding the sale of the —.	19th Dec. No. 3440 W.	...	18th Aug. 1891, No. 3770 C. 1st Sept. 1891, No. 785 D.
Roman Catholic Cemetery at Arni.—Estimate of Rs. 400 for enclosing the —, approved and returned to the Superintending Engineer, IV Circle, for sanction and early execution.	19th Dec. No. 3442 W.	...	......

PUBLIC WORKS DEPARTMENT,

BUILDINGS AND ROADS BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT,

FOR THE MONTH OF DECEMBER 1891.

Military Works.
Account.

READ—the following papers :—

From the Superintending Engineer,	I Circle,	No. 369 G.L.,	dated 7th Oct. 1891.		
" "	II "	" ——,	dated 27th Oct. 1891.		
" "	III "	" ——,	" 26th Sept. "		
" "	IV "	" 523 W.	" 2nd Oct. "		
" "	V "	" 484 W.	" 21st " "		
" "	VI "	" 924 T.C.	" 15th Sept. "		

Extract from the Proceedings of the Government of India in the Military Department, dated Simla, 31st October 1891, No. 2950 M.W.

[*Provisional distribution of the grant for Military works in* 1892–93.]

Resolution.—The following provisional distribution of the grant for Military works in 1892–93 is hereby notified :—

	RS.	RS.
Military Works Department — India		83,71,000
Public Works Department—		
Rajputana and Central India	60,000	
Central Provinces	3,000	
Lower Burma	1,50,000	
Assam	80,000	
Bengal	40,000	8,29,000
North-Western Provinces and Oudh	6,000	
Punjab	2,00,000	
Madras	90,000	
Bombay	2,00,000	
Ordnance works		4,00,000
Marine works		50,000
Total ...		96,50,000
Leaving for reserve with the Government of India		3,50,000
Grand total ...		1,00,00,000

2. The above allotments include provision for any expenditure that may be incurred in England on stores for works classified as military.

3. The distribution of the grants for Ordnance and Marine works will be made by the Director-General of Ordnance and the Director of the Indian Marine, respectively. These officers will communicate to the Local Governments and Administrations concerned the works which they desire to have undertaken during 1892–93 and the amounts available for each work, which amounts will then be included by the Local Governments and Administrations concerned in their budget estimates for Military works.

4. The preliminary budget estimates should be prepared for the amounts now provisionally sanctioned, together with the allotments, if any, made by the Director-General of Ordnance and the Director of the Indian Marine, and should be submitted so as to reach the Government of India punctually by the 15th January 1892.

5. Orders regarding the grant for Military works in Upper Burma will issue hereafter.

Order.—Ordered that a copy of the foregoing Resolution be forwarded to the Local Governments and Administrations noted in the margin for information and guidance.

The Secretary to the Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh and Punjab, in the Public Works Department.
The Chief Commissioners, Central Provinces, Burma and Assam.
The Agent to the Governor-General, Rajputana and Central India.
The Director-General of Military Works.
The Director-General of Ordnance.
The Director of Indian Marine.
The Resident at Hyderabad.

Ordered, also, that a copy be forwarded to—

The Quartermaster-General in India.
The Accountant-General, Public Works Department.
The Accountant-General, Military Department.

(By Order.)

(Signed) E. COLLEN,
Secy. to the Govt. of India.

No. 6417, Military.

Transferred to the Public Works Department.

Fort St. George.
14th November 1891.

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

From Brigadier-General E. H. EYRE, Quartermaster-General, Madras Army, to the Chief Engineer, Public Works Department, dated Ootacamund, 23rd November 1891, No. 2566 M.W.

With reference to your letter No. 5125 C. of the 18th instant, I am desired, in reply, to say that the Commander-in-Chief would propose that the sum of Rs. 27,200, available for the execution of original major works at Public Works stations in this Presidency during the ensuing financial year, be distributed in the following manner :—

	RS.
Completion of new barrack, with subsidiary buildings at Calicut ...	3,400
Sheds for transport animals at Calicut (sup. estimate)	2,500
Reconstructing quarters for the Sergeant Instructor of the Wynaad Company Malabar Volunteer Rifles at Vayitri	3,990
Constructing an officers' mess with out-houses at Malapuram ...	8,000
Constructing quarters for an apothecary at West Hill, Calicut ...	7,000
Total ...	24,890

2. This leaves a balance of Rs. 2,310, which sum His Excellency suggests should be devoted towards a commencement being made in the year 1892–93 on the swimming bath for the British Infantry detachment at Calicut.

Order—dated 1st December 1891, No. 3216 W., Public Works.

In the Resolution above recorded, the Government of India assigned a provisional grant of Rs. 90,000 for expenditure on Military works at stations in charge of the Public Works Department during the year 1892–93. The amount distributed under departmental heads will be as shown below:—

	RS.
Works	72,200
Establishment	16,700
Tools and plant	1,100
Total ...	90,000

2. Of the sum of Rs. 72,200 available for works, Rs. 45,000 have been set apart for repairs and the balance (Rs. 27,200) has been distributed among major original works as proposed by His Excellency the Commander-in-Chief.

3. As there will probably be no incomplete major works requiring provision of funds during 1892–93, no reserve has been maintained with the Government.

4. The amount set apart for repairs has been distributed among the several divisions in part II of the budget.

5. The difference between the budget and the revised estimates of charges for 1891–92 is due to an additional grant of Rs. 3,092 having been sanctioned by the Government of India for the reconstruction of the roof of hospital wards, Nos. 12 and 13, of the 1st Pioneer lines at Trichinopoly.

6. With these remarks the preliminary issue of the Military works budget for 1892–93 will be printed and circulated to the officers concerned for information and guidance and four copies will be forwarded to the Government of India, Military Department.

(Here enter No. 3217 W., dated 1st December 1891.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
„ Examiner, Public Works Accounts.
„ Military Department.
„ Financial Department.

Endorsement—dated 1st December 1891, No. 3217 W., Public Works.

Forwarded.

(By Order.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

MILITARY WORKS.
ACCOUNT.

Govt. of {1891} Madras.
PUBLIC WORKS.

Dated December, 1st.

Recd. *Encl.*

G.O., 1st Dec. 1891, Nos. 3216, 3217 W.

DECEMBER.

Military Works Budget for 1892-93

Forwarding copies of orders circulating the preliminary issue of the —.

PRELIMINARY ISSUE.

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET-ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1892-93.

MADRAS,
1st December 1891.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

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REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1892 TO 31st MARCH 1893.

—	Actuals, 1890–91.	Budget-Estimate, 1891–92.	Revised Estimate, 1891–92.	Budget-Estimate, 1892–93.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	2,936	4,000	2,000	2,000
In Civil and Military Departments	...	...	...	...
Total ...	2,936	4,000	2,000	2,000

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT ON MILITARY WORKS IN MADRAS FROM 1st APRIL 1892 TO 31st MARCH 1893.

—		Reference to Detailed Estimate.	Actuals, 1890–91.	Budget-Estimate, 1891–92.	Revised Estimate, 1891–92.	Budget-Estimate, 1892–93.
			Rs.	Rs.	Rs.	Rs.
Original Works.	In progress ...	...	41,016	26,300	28,784	5,898
	Not commenced...					21,302
Repairs	Ordinary ...	...	51,119	45,000	45,000	45,000
	Special					
Establishment		...	21,089	16,600	17,171	16,700
Tools and Plant		...	1,366	1,100	1,137	1,100
Suspense Account		...	...	...	...	...
Total ...		...	1,14,590	89,000	92,092	90,000

ABSTRACT OF THE CHARGES TO BE INCURRED BY THE PUBLIC WORKS DEPARTMENT FROM IMPERIAL FUNDS AND CONTRIBUTIONS IN BOTH INDIA AND ENGLAND.

—	Actuals, 1890–91.	Budget-Estimate, 1891–92.	Revised Estimate, 1891–92.	Budget-Estimate, 1892–93.								
				Original Works.			Repairs.	Establishment.	Tools and Plant.	Suspense Account.	Barrack Department.	Total.
				In progress.	Not commenced.	Total.						
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Provision from Imperial Funds. In India ...	1,14,590	89,000	92,092	5,898	21,302	27,200	45,000	16,700	1,100	.	.	90,000
In England.	...	...	...	...	...	...	...	...	...	...		...
Total .	1,14,590	89,000	92,092	5,898	21,302	27,200	45,000	16,700	1,100	.	.	90,000
Provision from Contributions. In India ...	5,378	..	...	...	...	...	...	...	...	.		...
Grand Total ...	1,19,968	89,000	92,092	5,898	21,302	27,200	45,000	16,700	1,100			90,000

STATEMENT SHOWING THE WORKS ON WHICH OUTLAY IN ENGLAND ABOVE PROVIDED FOR IS TO BE INCURRED.

—	Actuals, 1890–91.	Budget-Estimate, 1891–92.	Revised Estimate, 1891–92.	Budget-Estimate, 1892–93.					
				Original Works.			Tools and Plant.	Suspense Account.	Total.
				In progress.	Not commenced.	Total.			
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
				Nil.					

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS A

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				IMPERIAL ORDINARY.	
				Military.	
				Original Works.	
1. *Accommodation for troops*— Buildings for European troops.	West Coast.	Calicut ...	1	Constructing a new barrack with subsidiary buildings for the accommodation of 30 men.	35,000
Commissariat buildings	Do. ...	Do. ...	2	Sheds for transport animals ...	15,480
				Total ...	...

I.

ORIGINAL WORKS FOR THE YEAR 1892–93.

WORKS.

Outlay.		Grant, 1892–93.			Item No.	Remark and References.
Actual to end of 1890–91.	Probable during 1891–92.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
10,042	21,560	3,398	...	...	1	G.O., No. 2562 W., dated 23rd September 1891. Item No. 1, class A works, budget of 1891–92.
				3,398		
13,452	...	2,500	...	...	2	G.O., No. 1414 W., dated 25th May 1891.
				2,500		
...	...	5,898	...	5,898		

PART

DETAIL OF THE BUDGET-ESTIMATE FOR

CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
					Rs.
				IMPERIAL ORDINARY.	
				Military.	
				Original Works.	
1. *Accommodation for troops*— Buildings for European troops.	West Coast.	Vayitri ...	1	Reconstructing the quarters of the Sergeant-Instructor of the Wynaad Company of the Malabar Volunteer Rifles.	3,990
	Do. ...	Malapuram ...	2	Constructing an officers' mess with out-houses.	7,920
	Do. ...	Calicut ...	3	Constructing quarters for an apothecary at West Hill.	7,000
	Do. ...	Do. ...	4	Constructing a swimming bath for the British Infantry Regiment.	...
				Total ...	...

I.

ORIGINAL WORKS FOR THE YEAR 1892–93.

WORKS.

Outlay.		Grant, 1892–93.			Item No.	Remarks and References.
Actual to end of 1890–91.	Probable during 1891–92.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	3,990	...	1	G.O., No. 638 W., dated 6th March 1891. Item No. 4, class C works, budget of 1891–92.
...	...	...	7,920	...	2	G.O., No. 3120 W., dated 19th November 1891. Item No. 5, class C works, budget of 1891–92.
...	...	...	7,000	...	3	G.O., No. 1875 W., dated 8th July 1891. Item No. 1, class C works, budget of 1891–92.
...	...	...	2,392	...	4	Estimate is awaited. Item No. 2, class C works, budget of 1891–92.
...	...	...	21,302	21,302	...	

APPENDIX

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1892-93, BUT ON
CLASS B

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.
				IMPERIAL ORDINARY.	Rs.
				MILITARY.	
				Original Works.	
1. *Accommodation for troops*— Buildings for European troops.	West Coast.	Calicut ...	1	Constructing an officers' mess with out-houses.	...
Buildings for Native troops.	Ganjam ...	Berhampore ...	2	Constructing a rifle range for the Madras Infantry Regiment.	...
	Vizagapatam.	Vizianagrum ...	3	Regimental store for Native Infantry including storage for camp equipage.	3,480
	West Coast.	Cannanore ...	4	Constructing quarters for men of the Army Hospital Native Corps.	2,980
	Do. ...	Mangalore ...	5	Quarters for two hospital assistants.	...
	Do. ...	Quilon ...	6	Constructing sepoy lines ...	...
	Do. ...	Trichur ...	7	Do.	...
	Do. ...	Cannanore ...	8	Constructing 3 latrines to replace those in use with the 29th Regiment, Madras Infantry.	...
Commissariat buildings.	West Coast.	Malapuram ...	9	Cattle shed for the Commissariat Department.	...
Do. ...	Do. ...	Do. ...	10	New elephant lines	...
Fortifications ...	Do. ...	Do. ...	11	Constructing a fortified post ...	8,248
Staff and Miscellaneous.	Coimbatore.	Ootacamund...	12	Constructing a latrine for the boys at the Lawrence Asylum.	3,000
				Total ...	...

B.

WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM WORKS.

Outlay.		Amount applied for, 1892–93.			Item No.	Remarks and References.
Actual to end of 1890–91.	Probable during 1891–92.	Works in progress.	Works not commenced.	Total.		
Rs.	Rs.	Rs.	Rs.	Rs.		
...	...	...	8,000		1	Estimate is awaited. Item No. 3, class C works, budget of 1891–92.
...	...	...	3,830		2	Estimate is awaited. Item No. 8, class C works, budget of 1891–92.
...	...	...	3,480		3	G.O., No. 2628 W., dated 27th October 1884. Item No. 9, class C works, budget of 1891–92.
...	...	...	2,980		4	G.O., No. 2707 W., dated 26th September 1889. Item No. 10, class C works, budget of 1891–92.
...	...	...	5,500		5	Estimate is awaited. Item No. 11, class C works, budget of 1891–92.
...	...	...	10,000		6	Estimate is awaited.
...	...	...	7,000		7	Do.
...	...	...	2,910		8	Do.
...	...	...	4,000		9	Estimate is awaited. Item No. 14, class C works, budget of 1891–92.
...	...	...	10,000		10	Estimate is awaited.
...	...	...	8,248		11	G.O., No. 3114 W., dated 18th November 1887. Item No. 15, class C works, budget of 1891–92.
...	...	...	3,000		12	G.O., No. 2139 W., dated 16th July 1888. Item No. 16, class C works, budget of 1891–92.
...	...	...	68,948	68,948	...	

GOVERNMENT OF MADRAS.

PART II.

DETAIL OF THE BUDGET-ESTIMATE OF REPAIRS UNDER IMPERIAL MILITARY WORKS IN MADRAS FOR THE YEAR 1892-93.

Head of Classification.	Executive Division.	Locality.	Items.	Estimate, 1892-93.		Estimate, 1891-92.	
				Amount.	Total.	Amount.	Total.
				Rs.	Rs.	Rs.	Rs.
			Military Buildings.				
	Ganjam ...	...	Annual repairs ...	500			
	Vizagapatam...	...	Do. ...	2,500			
	Godávari, Eastern.	...	Do. ...	840			
	Cuddapah ...	...	Do. ...	180			
	Coimbatore ...	...	Do. ...	6,000			
	West Coast ...	...	Do. ...	26,000			
	South Arcot ...	...	Do. ...	180			
	Tanjore ...	...	Do. ...	360			
	Trichinopoly...	...	Do. ...	5,000			
	Madura ...	...	Do. ...	180			
	Tinnevelly ...	...	Do. ...	540			
	Reserve with the Government.	...	Do. ...	2,720			
			Total ...	...	45,000	...	45,000

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

From G. STOKES, Esq., President, District Board, Salem, to the Chief Secretary to Government, dated 8th November 1891, Ref. No. 242-Govt.

Adverting to G.O., No. 2438 L., Mis., dated 7th October 1891, I have the honour to submit an extract from the Proceedings of the District Board, Salem, dated 30th October 1891, from which it will be seen that the District Board would have a bridge and not a road-dam at Káveripatnam.

2. The river is subject to heavy floods for several days in the year, and, under the circumstances, traffic will remain obstructed for the time being even when a road-dam is constructed as it is when there is none. I request, therefore, that sanction may be accorded for the construction of a bridge.

3. The estimate examined by the Superintending Engineer, IV Circle, is re-submitted.

No. 1019.

Transferred to the Public Works Department.

(By Order.)

Fort St. George,
17th November 1891.

(Signed) N. S. BRODIE,
Ag. Assistant Secretary.

Order—dated 1st December 1891, No. 3218 W., Public Works.

The estimate, amounting to Rs. 30,000, for constructing a bridge across the Ponniár river at Káveripatnam in the Salem district, is sanctioned.

2. This sanction has been registered as Local No. 24 W. of 1891–92.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
„ Local and Municipal Department, with eight enclosures.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 1st.

Recd. *Encl.*

G.O., 1st Dec. 1891, No. 3218 W.

DECEMBER.

Bridge

Estimate of Rs. 30,000, for constructing a — across the Ponniár river at Kíveripatnam, Salem district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From Colonel H. SMALLEY, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 19th October 1891, No. 1944.

The Examiner of Public Works Accounts has drawn my attention to two estimates sanctioned by the Executive Engineer, Bellary, for Rs. 120 and 48, respectively, as objectionable on the grounds that the civil cemetery at Bellary and the Roman Catholic cemetery in the Cowl Bazaar, Bellary, to which the estimates refer, are not included in the list of cemeteries to be repaired by the Public Works Department printed in G.O., No. 2362 W., dated 2nd September 1890.

2. The Examiner is certainly right in his contention according to the Government Order above quoted and I have been wrong in allowing estimates to be sanctioned for repairs on the cemeteries in question as well as for the Fort church and the Roman Catholic church, Bellary, which do not appear in the list.

3. I desire now to explain that, when I drew up the list recorded in the Government Order quoted, I thought I was bound to confine myself to purely military churches and cemeteries, whereas I see in other circles that many purely civil churches and cemeteries are entered as to be kept up by the Public Works Department.

4. The civil cemetery, Bellary, is the last resting place of many military officers and in fact was the only cemetery for the station other than the Roman Catholic cemetery. It has always been kept up by the Public Works Department. The Fort church has always been kept up by the Public Works Department and is practically more of a military church than a civil church, that is to say, at least three-fourths of the congregation belong to the army. I do not know that I need have brought in the Roman Catholic church. I have only done so to make matters quite clear in future. It is the Garrison Roman Catholic church of the cantonment and has always been kept up by the Public Works Department. As to the Roman Catholic cemetery in the Cowl Bazaar, the Public Works Department constructed the wall round it and has kept it up hitherto but nothing more. I have refused to do other work here without authority being obtained from Government through the Archbishop of Madras.

5. I request, therefore, that the following churches and cemeteries be added to the list already published to be kept up by the Public Works Department, viz.—

Churches.	*Cemeteries.*
Fort church, Bellary.	Civil cemetery, Bellary.
Roman Catholic church, Cantonment, Bellary.	Roman Catholic cemetery, Cowl Bazaar, Bellary.

No. 4841 C.

Referred to the Ecclesiastical Department with advertence to the Acting Archdeacon's letter printed with G.O., dated 17th October 1891, No. 2746 W.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

2nd November 1891.

Referred to the Venerable the Archdeacon with advertence to G.O., dated 6th November 1891, No. 88.

(Signed) J. F. PRICE,
Chief Secretary.

16th November 1891.

From the Rev. W. W. ELWES, M.A., Acting Archdeacon of Madras, to the Chief Secretary to Government, dated 20th November 1891, No. 868.

I have the honour to acknowledge the receipt of endorsement of Chief Secretary, dated 16th November 1891, on Ecclesiastical Current No. 291.

2. I have the honour to point out that, if the civil cemetery and the Fort church at Bellary be included in the list of churches and cemeteries to be repaired by the Public Works Department, the clearly defined line, which is followed in that list, will be broken.

3. The list of churches and cemeteries to be repaired by the Public Works Department, as approved in G.O., dated 17th October 1891, No. 2716 W., Public Works, includes only (1) military churches, (2) military cemeteries, (3) those churches and cemeteries which are in Madras, Bangalore and on the Nílgiris and which have been placed under the Public Works Department by various Government Orders.

4. If any churches or cemeteries, which are not military and neither in the Presidency town or Bangalore or in the Nílgiri division be placed under the Public Works Department, there will, I think, be some confusion. I respectfully suggest, therefore, that the civil cemetery and the Fort church at Bellary be not placed on the Public Works Department list.

5. I return the paper under reply.

Transferred, and the referred paper returned, to the Public Works Department.

(Signed) J. F. PRICE,
Chief Secretary.

26th November 1891.

Order—dated 1st December 1891, No. 3219 W., Public Works.

The Government agrees with the Acting Archdeacon and approves the omission of the civil cemetery and the Fort church at Bellary from the list of Government churches and cemeteries to be repaired by the Public Works Department.

2. Further orders will be issued in regard to the Roman Catholic churches and cemeteries to be repaired by the department.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" Examiner, Public Works Accounts.
" Ecclesiastical Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 1st.

Recd. *Encl.*

G.O., 1st Dec. 1891, No. 3219 W.

DECEMBER.

Civil Cemetery and Fort Church at Bellary

The omission of the — from the list of Government churches and cemeteries to be repaired by the Public Works Department approved and the issue of further orders promised in regard to Roman Catholic churches and cemeteries being repaired by the Public Works Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

From Captain W. M. ELLIS, R.E., Officiating Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepâk, 22nd July 1891, No. 1610.

I have the honour to submit, for the orders of Government, a letter, dated 21st July 1891, from the Professor of Engineering, College of Engineering, Madras, forwarded to this office with memo. No. 240 C., dated 21st July 1891, from the Acting Principal, suggesting that the obtaining of and fitting of the machinery for the proposed students' workshop be undertaken by the Principal and Professor of Engineering.

2. An estimate, amounting to Rs. 32,519, has been sanctioned in G.O., No. 1874 W., dated 8th July 1891, for this work and Rs. 30,000 provided for expenditure in the budget estimate for the current official year. It is understood that some of the apparatus required will have to be made specially and should therefore be ordered early.

No. 627 D.

Referred to the Educational Department, for favour of early final decision, whether a permanent or temporary workshop building shall be constructed with advertence to G.O., dated 25th June 1891, No. 481, Educational.

2. There is no objection in the Public Works Department to the proposal that the plant required for the workshop be indented for and set up by the College authorities. If this proposal be sanctioned and the provision of a temporary shed be adhered to, a portion of the Public Works budget grant for the work can be transferred to the Educational Department for the supply of the plant.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

5th August 1891.

G.O., dated 12th November 1891, No. 867, Educational.

Read—again the following papers:—

G.Os., dated 25th June, 13th August and 14th September 1891, Nos. 481, 482, 637 and 714, respectively.

Endorsement of the Public Works Department, dated 5th August 1891, No. 627.

From the Director of Public Instruction, dated 14th August 1891, No. 9387.

Memorandum from the Public Works Department, dated 1st September 1891, No. 789 D.

From the Director of Public Instruction, dated 14th and 24th October 1891, Nos. 11931 and 12348, respectively.

Order—dated 12th November 1891, No. 867, Educational.

The plans and estimates for a temporary workshop at the College of Engineering, received with the Director's letter of the 14th ultimo, No. 11931, are approved and will be transferred to the Public Works Department.

2. With reference to its endorsement of the 5th August 1891, No. 627 D., the Public Works Department will be informed that there is no objection to entrusting the setting up of the recently ordered plant to the authorities of the College of Engineering.

3. As the Director reports in his letter, dated the 14th August 1891, No. 9387, that he does not intend to take any further steps at present to provide a new building for the Madrasa-i-Azam, the Public Works Department will be informed that the allotment on this account in the current year's budget may be surrendered.

(True Extract.)

(Signed) A. BUTTERWORTH,
Ag. Under-Secretary.

Order—dated 1st December 1891, No. 3220 W., Public Works.

The estimate, amounting to Rs. 16,220, for constructing a temporary workshop for the students of the College of Engineering, Madras, is sanctioned.

2. The proposal of the Principal of the College that the plant required for the workshop be indented for and set up by the College authorities is approved.

3. As the Consulting Architect reports that, out of the budget grant of Rs. 30,000, only Rs. 8,000 can be spent on the workshop during the current official year, the balance, viz., Rs. 22,000, will be surrendered to the Financial Department in view to the amount being placed at the disposal of the Principal, College of Engineering, towards procuring and setting up the plant, sanctioned in G.O., dated 25th June 1891, No. 481, Educational, and estimated to cost Rs. 32,519.

4. With reference to para. 3 of the Proceedings in the Educational Department recorded above, the budget grant of Rs. 25,000 for the school-house for the Madrasa-i-Azam will be resumed and credited to the Provincial reserve with the Government.

5. The sanction accorded in para. 1 of these Proceedings has been registered as Provincial No. 93 W. of 1891–92 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with four enclosures.
,, Examiner, Public Works Accounts.
,, Financial Department.
,, Educational Department.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.
PUBLIC WORKS.

Dated December, 1st.

Recd. *Encl.*

G.O., 1st Dec. 1891, No. 3220 W.

DECEMBER.

Temporary Workshop for Students of the College of Engineering, Madras

Estimate of Rs. 16,220 for constructing a — sanctioned, and the proposal that the plant required for the workshop be indented for and set up by the College authorities approved.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

From Major D. McNEIL CAMPBELL, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 30th September 1891, No. 447 W.

With reference to the Proceedings of the Committee appointed to consider the difficulties experienced in the landing and shipping of goods at the port of Negapatam, communicated with G.O., No. 1295 W., dated 11th May 1891, I have the honour to inform you that I have had a line of soundings taken from the end of the jetty and find that, at a distance of 700 feet from the jetty wall, the depth of water will only be 6·61 feet at mean low spring tide level and not 12 feet as anticipated by the Committee in para. 4 of their Proceedings: at a distance of 850 feet the depth is only 8·50 feet and supposing the same slope in the sea bed to continue the pier would have to be about 1,300 feet long to get the required depth and this would double the assumed cost of Rs. 2,50,000.

2. I do not understand why it is considered necessary to have a depth of 12 feet at the end of the pier, as I should say 6 feet or 7 feet would be ample for cargo boats, and, if so, a pier, 750 feet long, would suffice.

3. In a letter to me the Presidency Port officer states that it is necessary to assume that the shore end of the pier will sand up for a length of 100 feet to 150 feet as this happened in the case of the Madras and Gopâlpur piers, so if the pier is to be constructed from the end of the present jetty wall I think it not unlikely that this sanding up may affect the entrance to the boat harbour which is quite close; moreover I see no object in taking the pier from the end of the jetty, as the latter is too low, narrow and weak to be of any use. I would, therefore, suggest that the pier be taken off from a point, about 300 feet north of the jetty, so as to be some distance from the boat harbour.

4. Please let me know if you approve of this and also what depth of water is absolutely necessary at the end of pier.

5. It is possible that, at a point 300 feet north, the sea bed may have a steeper slope and I am having soundings taken; but it is not likely that a depth of 12 feet will be got without making a pier 1,000 feet long.

No. 4462 C.

Referred to the Marine Department for the views of the Presidency Port officer.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Government, P.W.D.

13th October 1891.

Forwarded to the Presidency Port officer for remarks.

(Signed) J. F. PRICE,
Chief Secretary.

17th October 1891.

From Major D. McNEIL CAMPBELL, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 17th October 1891, No. 469 W.

In continuation of my letter No. 447 W., dated 30th September 1891, I have the honour to inform you that I have had a line of soundings taken 300 feet north of the jetty wall at Negapatam and find that the pier will have to be 1,450 feet long in order to obtain a depth of water of 12 feet at its end at low tide.

2. I would also inform you that, since the first soundings were taken, the bar has moved considerably northwards and boats entering the harbour have now to cross the line of soundings just taken (*i.e.*, 300 feet north of jetty wall); it therefore seems that the pier should be built still further north.

No. 4659 C.

Referred to the Marine Department in continuation of endorsement No. 4462 C., dated 13th October 1891.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Government, P.W.D.

24th October 1891.

Forwarded to the Presidency Port officer, for remarks, in continuation of current No. 1094.

(Signed) J. F. PRICE,
Chief Secretary.

29th October 1891.

From Captain B. P. CREAGH, H. M.'s I.M., Officiating Presidency Port officer, to the Chief Secretary to Government, dated Madras, 23rd November 1891, No. 500/429 G.

Ref., 17th Oct. 1891, on Marine current 1094.
" 29th " " " " " 1136.

In reply to the references quoted in the margin (herewith returned), I have the honour to acquaint you, for the information of Government, that, in my opinion, the end of the proposed pier at the port of Negapatam should carry a depth of not less than 12 feet. This was the depth considered to be necessary by the Committee that reported to Government on the subject of the pier. There is no objection to the pier being taken 300 feet north of the jetty wall or even to a greater distance if considered necessary to obtain his end.

Transferred, and the referred papers returned, to the Public Works Department with the request that soundings still further north of the jetty may be taken and the result reported.

(Signed) J. F. PRICE,
Chief Secretary.

30th November 1891.

ORDER—dated 2nd December 1891, No. 3228 W., Public Works.

Communicated to the Superintending Engineer, V Circle, who will arrange for the required soundings being taken accordingly.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Marine Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 2nd.

Recd. *Encl.*

G.O., 2nd Dec. 1891, No. 3228 W.

DECEMBER.

Jetty at Negapatam

The Superintending Engineer, V Circle, directed to arrange for soundings being taken still further north of the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper:—

Proceedings of the Board of Revenue (Separate Revenue), dated 19th November 1891, Mis. No. 3737.

C. S. Crole, Esq., C.S.

Read—the following letter from F. GIBSON, Esq., Collector of Tanjore, to the Secretary to the Commissioner of Salt, Abkári and Separate Revenue, dated 14th November 1891, No. 819 :—

As the execution of the marginally-noted petty construction and repair works, sanctioned in Board's Proceedings No. 322 (Separate Revenue), dated 24th July last, requires professional skill, the Executive Engineer, Negapatam division, has been asked to carry them out. He requests that the amounts required therefor may be placed at his disposal through the Accountant-General. I have, therefore, the honour to request that the Board will be pleased to arrange for the total amount (Rs. 1,646) being placed at the disposal of the Executive Engineer, Negapatam division, at an early date.

Number and name of work in the budget.	Amount sanctioned in the budget.	Amount of estimate.
	RS.	RS.
1. Extending the brick wall on the Vetar bank in front of the Nagore Sea Customs office ...	220	216
9. Improving the wharf in front of the Toputurai Sea Customs office.	806	780
5. Repairing the Sea Customs office, Negapatam.	546	650
Total ...	1,572	1,646

2. The additional allotment of Rupees 104 required for work No. 5 *supra* has been sanctioned by the Board in its Proceedings, No. 1279, Routine, dated 27th October last.

Resolution—dated 19th November 1891, Mis. No. 3737.

The Board requests that Government will be pleased to issue orders in the Financial Department to the Accountant-General to place the sum of Rs. 1,646 at the disposal of the Public Works Department by transfer from 9. Customs in the sanctioned grant of the current year.

(A true Copy and Extract.)

(Signed) HERBERT BRADLEY,
Secretary.

R. No. 776, Financial.

Forwarded to the Public Works Department with the request that, if possible, funds may be provided from the reserve and the transfer of the small sum in question from the civil budget avoided.

Fort St. George,
25th November 1891.

(Signed) N. S. BRODIE,
Acting Assistant Secretary.

Order—dated 2nd December 1891, No. 3230 W., Public Works.

The works referred to in para. 1 of the Collector's letter will be carried out by the Executive Engineer, Negapatam division, and a sum of Rs. 1,646 will be appropriated for the purpose from the Provincial reserve with the Public Works Department.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Financial Department.
" Revenue "

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 2nd

Recd. *Encl.*

G.O., 2nd Dec. 1891, No. 3230 W.

DECEMBER.

Sea Customs Offices in Tanjore District

The Executive Engineer, Negapatam division, authorised to carry out certain works in connection with — and Rs. 1,646 appropriated for the same.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers :—

From S. D. Pears, Esq., Acting Superintendent of Works, No. I Periyár Division, to the Chief Engineer, Public Works Department, dated Periyár, 25th November 1891, No. 228 C.E.

As directed in G.O., No. 2862 W. of 28th October 1891, I have the honour to report as follows.

2. From the correspondence printed with the above Government Order it appears that the question is confined to the Mulya Panjan valley and further only to that portion of it that runs alongside the road, since there can be no question of hauling logs to the road side from other parts of the lake. In that case the discussion seems to evaporate altogether, for, in the first place, we shall want practically no timber taken to the road side as all our carriage between Thekady and Periyár will for the future be by water ; and, in the second place, we shall in all probability end by using *all* the timber in the Mulya Panjan valley. There will at all events be so little of it left, and that at so high a level, that it will probably not be worth the while of the Travancore Government to fell and haul it and they may in any case safely defer doing so for another two or three years (when we shall be able to specify our wants much more exactly) without fear of its being submerged.

3. Should the Travancore Government, however, differing from this view, decide to fell in the Mulya Panjan valley at once and leave the timber to season on the chance that we shall eventually leave them an appreciable balance available for their own use, I would suggest that the timber should be hauled not to the road side, as proposed, but to any one of 3 or 4 depôts on the edge of the Mulya Panjan stream, to be pointed out by us, at a rate of Rs. 9 per 100 cubic feet delivered in depôt. The book value of unsawn logs in our present depôt near No. 2 lock is about Rs. 12–8–0 per 100 cubic feet, but, by increasing the number of depôts, the haulage (the chief item of expense) becomes less, and Rs 9 would, as near as I can estimate from my knowledge of the sholas and of the ground, be a fair rate.

4. Though, as remarked above, the question seems from the Government Order under reference to be limited to a part of the Mulya Panjan valley, I learn from a recent conversation with the Travancore Conservator of Forests that the Travancore Government do still contemplate felling over the whole of the lake area, and, with regard to this, I would venture to offer a few remarks.

5. We should probably never open a depôt in the Periyár valley, but continue to the end to fell unseasoned wood, as at present, tree by tree at the water level as it rises, drawing our seasoned wood from the Mulya Panjan depôts as long as they hold out. If the Travancore Government undertake the felling, they will either leave each tree lying where it falls to season by the time the water reaches it, or they will haul the logs (for convenience of account and to guard against loss) to depôts at a high level,

from which we should have to haul what we wanted down to the water again for transport to the dam, for which hauling down we ought not to pay. If they choose the first course, we might appoint a timber clerk here (to be paid by the Travancore Government) who would keep an account of all the timber used by us, for which we could periodically pay at Rs. 1–8–0 per 100 cubic feet (scantling measurement), this being about what the mere felling would have cost us. If they elect the other course, they might be asked to keep a subordinate in charge of the depôts who would haul down the timber to the water for us, keeping an account of it and charging us at Rs. 1–4–0 per 100 cubic feet (log measurement).

6. With reference to the Conservator of Forests' letter, printed with the Government Order under report, I would bring to notice that the cart-stand promised at Kumili has either not been marked out, or its use is not enforced by the superintendent of the depôt. The road is generally blocked, wholly or partly, by timber carts.

Note by the Chief Engineer, Public Works Department.

The Superintendent of Works is mistaken in supposing that the question has reference only to timber felled in the Mulya Panjan valley; he has probably been misled by the reference to the road in para. 2 of the Dewan's letter of the 10th October 1891, but the arrangements proposed refer to all timber felled within the water-spread of the lake.

2. As pointed out by the Superintendent of Works, the greater part of the seasoned timber used by the project works will be drawn from the Mulya Panjan valley, but it is not unlikely that a considerable quantity will be obtained from the Periyár and Mulyan valleys and there would seem to be no difficulty in marking sites for depôts at various levels in these valleys, to which timber can be taken if the Travancore officials so please.

3. I do not think it would be desirable that the Travancore Government should be asked to haul timber on our account from depôts to the water's edge, as suggested in the latter part of para. 5 of Mr. Pears' letter. It will be sufficient to fix two rates, one of Rs. 9 per 100 cubic feet for timber delivered at sites specified by the Superintendent of Works, whether in the Mulya Panjan valley or not, and the other of Rs. 1–8–0 per 100 cubic feet for timber simply felled by the Travancore officials and removed from the place of felling by this department.

4. All establishment for keeping accounts should be paid for by the Travancore Government and it should be clearly understood that, if the latter do not fell a sufficient quantity of timber for our requirements, we are at liberty to fell and remove it for ourselves wherever and whenever we please within the area of the lake.

5. It must be borne in mind that the whole of these arrangements are made solely in the interests of Travancore; we are perfectly content to do our own felling and removal without any assistance from the Travancore officials; the object of the proposed arrangements is to enable the latter to utilise an enormous quantity of timber which we do not want and which would otherwise be wasted.

6. It is very desirable that arrangements should be made for compelling the carts to use the cart-stand at Kumili, which has been marked out but is not properly used; the road is constantly blocked by timber carts to an extent which causes very serious inconvenience to other traffic.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 3rd December 1891, No. 3241 W., Public Works.

The Government approves of the terms and conditions proposed by the Chief Engineer.

2. The Superintendent of Works will point out from time to time sites for depôts, timber brought to which will be paid for at the higher rate of Rs. 9 per 100 cubic feet.

3. The attention of the Travancore Government will be drawn to the inconvenience to traffic caused by the timber carts at the Kumili depôt.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent of Works, Periyár Project.
„ Chief Engineer for Irrigation.
„ Political Department.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras

PUBLIC WORKS.

Dated December, 3rd.

Recd. *Encl.*

G.O., 3rd Dec. 1891, No. 3241 W.

DECEMBER.

Timber obtained from the Travancore Territory for the Periyar Project Works

Approving of the terms and conditions proposed by the Chief Engineer, Public Works Department, regarding the rates to be paid for —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper:—

From the Officiating Deputy Secretary to the Government of India, Public Works Department (Account — Civil Works), to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 18th November 1891, No. 267 A.C.W.

The Accountant-General, Public Works Department, having brought to the notice of the Government of India that allotments of funds to the extent of Rs. 6,44,240 have been made by the Government of Madras for the prosecution of works in that Presidency, for which estimates have not been formally approved, I am directed to invite attention to Public Works Department Code, volume II, chapter XV, paras. 24 and 25, and to request that measures may be taken to expedite the submission of estimate for the works in question.

ORDER—dated 4th December 1891, No. 3255 W., Public Works.

It is observed that a large portion of the amount referred to by the Government of India is made up of allotments to works, the type designs for which have been, or are still, under revision. This will be apparent from the detailed statement printed as an appendix to this order. There are, however, several other works, the estimates for which should apparently have been laid before Government long since, and Superintending Engineers concerned will now endeavour to expedite the disposal of these estimates, specially reporting all cases of undue delay either by Public Works or other officers.

(Here enter No. $\frac{3255}{A}$ W., dated 4th December 1891.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
" the Consulting Architect to Government.
" the Examiner, Public Works Accounts.

ENDORSEMENT—dated 4th December 1891, No. $\frac{3255}{A}$ W., Public Works.

Copy of the above forwarded to the Government of India.

(By Order.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 4th.

Recd. *Encl.*

G.O., 4th Dec. 1891, Nos. 3255, $\frac{3255\ W.}{A}$

DECEMBER.

Estimates

Forwarding copy of Proceedings issuing instructions for the early submission of — for certain unsanctioned works for which allotments to the extent of Rs. 6,44,240 were made by the Government of Madras.

Appendix A to G.O., No. 3255 W., dated 4th December 1891.

STATEMENT showing the allotments made by this Government for unsanctioned works which have been brought to the notice of the Government of India by the Accountant-General, Public Works Department.

Works.	Allotments.	Remarks.
	RS.	
Taluk offices	1,40,000	The revised standard estimates for taluk offices have been issued. G.Os., Nos. 3023 W. and 3122 W., dated 11th and 20th November 1891, respectively. The designs will follow shortly.
Deputy Tahsildars' offices ...	53,690	The revised designs for these offices are under reference to the Revenue Department.
Head Assistant Collector's office, Bezváda.	10,000	The revised design was issued in August last. G.O., No. 2122 W., dated 8th August 1891.
Head Assistant Collectors' residences.	15,000	The revised standard estimate was issued only very lately. G.O., No. 2978 W., dated 7th November 1891. The design will follow shortly.
New Women and Children's hospital.	2,00,000	Rs. 1,50,000 out of this grant were surrendered. The work has been stopped and the question of site is under reference to India.
New building for the Stamp office.	25,000	The entire grant was surrendered, estimate being unsanctioned.
School-house for the Madrasa-i-Azam.	25,000	The entire grant was surrendered; proposal abandoned for the present.
Workshop for the students of the College of Engineering.	30,000	An estimate of Rs. 16,220 has since been sanctioned. Rs. 22,000 out of the grant were placed at the disposal of the Principal, College of Engineering.
Providing verandahs to the upper and ground floor of the office of the Director of Public Instruction.	15,000	The entire grant was surrendered, estimate being unsanctioned.
Permanent roof to the verandah of the Banqueting Hall, Government House.	12,000	A sum of Rs. 4,000 was surrendered out of this grant. Materials have to be got from England.
Extensions to the Presidency College.	12,000	The entire grant was surrendered. An estimate having since been sanctioned, it is proposed to re-allot the grant.
Constructing out-offices to hospital, bath-room, store-room and dead-house at the Penitentiary.	6,000	Estimate unsanctioned.
Constructing quarantine wards and out-houses at the Penitentiary.	12,000	The whole grant was surrendered, estimate being unsanctioned.
Constructing a macorating room at the Medical College.	5,000	Estimate unsanctioned.
Constructing rooms for the Assistant Professor on the upper storey of the Medical College.	5,000	
Additions and improvements to the out-patients' room and upper storey for students at the General Hospital.	10,000	
Improvements to the Collector's office, Ootacamund.	4,400	A sum of Rs. 1,300 was surrendered out of this grant. An estimate of Rs. 3,100 was sanctioned by the Superintending Engineer in his Register No. 63 of 1891–92.

Statement showing the allotments made by this Government for unsanctioned works, &c.—*cont.*

Works.	Allotments.	Remarks.
	RS.	
Sub-Registrar's office, Mettupálaiyam.	2,750	An estimate of Rs. 700 was sanctioned by the Superintending Engineer in his Register No. 36 of 1891–92 and the balance of the grant was withdrawn.
Sub-Registrar's office, Tirukkattupali, Tanjore district.	2,700	A sum of Rs. 1,700 was surrendered out of this grant. An estimate of Rs. 4,030 has been sanctioned. G.O., No. 2987 W., dated 10th November 1891.
Sub-Registrar's office, Kaitar, Tinnevelly district.	2,700	An estimate of Rs. 3,460 was sanctioned in G.O., No. 2495 W., dated 17th September 1891.
Sub-Registrar's office, Naduvanur, West Coast division.	3,000	Estimate unsanctioned.
District Munsif's court, Karkal, South Canara district.	10,000	
Circular kitchen, Central jail, Cannanore.	4,000	A sum of Rs. 1,160 was surrendered out of this grant. An estimate of Rs. 2,840 was forwarded to the Superintending Engineer for sanction.
Huts for 18 warders at the District jail, Tanjore.	4,000	The whole grant was surrendered An estimate of Rs. 7,800 appears to have been submitted by the Superintending Engineer on the 26th June 1890.
Road from Kallikót to Boirani, Ganjam district.	25,000	Estimate unsanctioned.
Road from Itchápur to Jarada, Ganjam district.	10,000	
Total ...	6,44,240	

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From J. C. LARMINIE, Esq , Executive Engineer, Coimbatore division, to the Superintending Engineer, IV Circle, dated Coimbatore, 7th September 1891, No. 5359.

I have the honour to submit, for sanction of Government, the accompanying proposition statement for the employment of watchmen for watching the overseers' sheds at Udamálpet, Polláchi and Kótúr in the Coimbatore sub-division and request that estimate of Rs. 108, sanctioned in Register No. 28 of 1891–92 from Provincial funds, may be cancelled, as the Examiner of Public Works Accounts has pointed out that the pay of watchmen employed for the custody of rest-houses "should not be charged to Provincial repairs but to Establishment salaries (*vide* note to Public Works Code, para. 964)."

No. 478 W.

Submitted to the Chief Engineer, Public Works Department, with a request that he will be good enough to obtain the sanction of Government to the entertainment of the watchmen to the overseers' sheds at Udamálpet, Polláchi and Kótúr.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col , R.E.,
Superintending Engineer, IV Circle.

12th September 1891.

No. 4103 C.

Referred back to the Superintending Engineer, IV Circle, for favour of report, whether arrangements for the custody of the buildings cannot be made with the village officials, as ordered in rule (1), para. 1042 A., Public Works Code (Standing Order No. 1234).

(By Order.)

(Signed) O. V. BODDY, Major, R.E.,
Dy. Chief Engineer, P.W.D.

15th September 1891.

From J. STURROCK, Esq., Collector of Coimbatore, to the Executive Engineer, Coimbatore division, dated 17th October 1891, No. 2963.

In reply to your letter, dated 10th current, I have the honour to state that I have no objection to your coming to an agreement with village officers to take charge of a rest-house.

2. I cannot, however, impose the charge on them as part of their official duty.

No. 6361.

True copy forwarded to the Superintending Engineer, IV Circle, with reference to his No. 965 C.I. of 29th September 1891. Under these circumstances, I consider that it is far more preferable to employ independent watchers, whose pay is not after all more than should be given to village officers to undertake the extra work and who already have quite enough to do.

(Signed) J. C. LARMINIE,
Executive Engineer.

24th October 1891.

No. 565 W.

Forwarded to the Chief Engineer, Public Works Department, with reference to his endorsement No. 4103 C., dated 15th September 1891, herewith returned.

2. In these circumstances, the sanction of Government to the entertainment of watchmen to the overseers' sheds in question is solicited.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Superintending Engineer, IV Circle.

28th October 1891.

From the Superintending Engineer, IV Circle, dated 27th November 1891, No. 623 W.

Order—dated 7th December 1891, No. 3274 W., Public Works.

His Excellency the Governor in Council considers the employment of special watchmen unnecessary. The men already engaged should accordingly be discharged and the village officers required to look after the bungalows. They need not be specially remunerated for this duty.

2. The expense already incurred will be admitted by the Examiner.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Revenue Department.

GENERAL.
ESTABLISHMENT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 7th.

Recd. *Encl.*

G.O., 7th Dec. 1891, No. 3274 W.

DECEMBER.

Watchmen

Orders regarding the employment of special — for the overseers' sheds at Udamálpet, Pollâchi and Kótúr in the Coimbatore division.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

From G. D. WYBROW, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 26th November 1891, No. 520 V.Z.

I have the honour to report that the building, known as the old Sub-Magistrate's cutcherry at Sálúr in the Vizagapatam division, which was hitherto in the occupation of the Police Department, has lately been vacated; I have put myself in communication with the various heads of departments as laid down in para. 980 of the Public Works Code as to its disposal. The President, District Board, Vizagapatam, asks for its transfer to the Local Fund Department to be used as a school-house rent-free and on condition of its being kept in proper repair by that department. I recommend its transfer to the Local Fund Department on the terms proposed by the President. The building is not required for any other department.

Order—dated 7th December 1891, No. 3275 W., Public Works.

The building may be made over to the District Board, Vizagapatam, on the terms proposed by the President and on the condition that, should it hereafter be required for Provincial purposes, it will be surrendered on due notice being given.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Local and Municipal Department.

BUILDINGS AND ROADS.
. CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 7th.

Recd. *Encl.*

G.O., 7th Dec. 1891, No. 3275 W.

DECEMBER.

Old Sub-Magistrate's Cutcherry at Salur, Vizagapatam Division

The transfer of the — to the District Board on certain terms and conditions, approved.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

Office-note from the Examiner, Public Works Accounts, dated Madras, 1st December 1891, No. 7443.

In continuation of my office-note No. 4706, dated 14th August 1891, I submit, herewith, a list of vouchers long overdue on the 15th October 1891.

2. The list includes (1) vouchers of the accounts for April 1891 (and previous months) never received at all from the Executive Engineers concerned and (2) vouchers for March 1891 (and previous months), which have been returned for correction, completion, &c., and have never been re-submitted.

3. Nine old vouchers are still due from No. I Periyár division (item No. 8 to 16) and two from West Coast division (item No. 22 and 23).

STATEMENT of vouchers long overdue on the 15th of October 1891 with Executive Engineer's explanation (when received) and the Examiner's remarks.

Serial number.	Month to which voucher relates.	Central office voucher number.	Amount of voucher.	Whether vouchers were ever received or not.	Executive Engineer's explanation and remarks by Superintending Engineer (if any).	Examiner's remarks.	Orders of Government.
1	2	3	4	5	6	7	8
					South Arcot Division.		
1	February 1891 ..	8	RS. A. P. 380 0 1	No ..	The Executive Engineer in his letter No. 493, dated 18th August 1891, to the Superintending Engineer, says: "This voucher and a cheque were sent to Villupuram taluk office contractor Sundaram Pillai. In spite of several reminders I have been unable to obtain the voucher signed and receipted though the cheque has been duly cashed. This man's contract was cancelled by Major Smart on account of slow progress, and, on my first joining this division, he sent me a notice that a suit will be instituted for the recovery of the amount due to him by Government. I replied on 20th March 1891 in No. 293, explaining the grounds of cancelment of contract and also the grounds on which security deposit was withheld. I have heard nothing from him since."	(1) If Executive Engineer is unable to obtain a receipt from the contractor, a certificate in lieu of voucher will be accepted with the approval of Government.	(1) The Examiner's suggestion is approved. The certificate in lieu of voucher should be forwarded by the Executive Engineer without delay.
2	..	170	147 14 5	..	The Executive Engineer in the letter quoted above says: "The piece-worker lives at St. Thomas' Mount. This voucher has been obtained from him with great difficulty and considerable delay. The bill is final, but he has not acknowledged the receipt of the amount as a final payment in settlement of all demands. It is not, I think, worth while sending the voucher to him again simply to have these words filled in, as, if this is done, it is more than probable that the voucher will be wanting for a very considerable period, if, indeed, it is ever returned; the man has a security deposit in the Savings' Bank here, and, when he comes to claim this, the voucher will be correctly filled up and returned to the Examiner, Public Works Accounts. I can, however, fix no definite date for the return of the voucher unless the final demand statement may be omitted, in which case, of course, it can be sent in at once."	(2) The voucher is awaited.	(2) The voucher should be forwarded to the Examiner as soon as it can be completed.
					Vizagapatam Division.		
3	November 1890 ..	Port. 142,143	86 0 0	No ..	The Executive Engineer says that a separate receipt has been called for from P. M. Arumugam	(3) The voucher due on account of salary paid to the overseer and his lascars. The Executive	

					Pillai, Overseer. It will be sent when received.	Engineer's attention has been called every month to the absence of these vouchers.	
4	Do ..	147 to 149	955 6 3	R ..	The Executive Engineer, in his letter No. 1088, dated 18th August 1891, says that the vouchers are still due from the Sub-Divisional officer and they will be sent when received.	(4) The voucher was returned to the Executive Engineer for correction and not re-submitted by him. His attention has been drawn every month to its absence.	(3), (4) and (5). A special report explaining the cause of delay in each case should be submitted at once.
5	March 1891 ..	25	25 0 0	No ..		(5) The voucher has not yet been submitted.	
					Bellary Division.		
6	..	220	196 0 0	No ..	No explanation furnished by the Executive Engineer.	(6) The voucher has not yet been submitted ..	(6) The submission of the voucher, with explanation of delay, should be expedited.
					Chingleput Division.		
7	March 1891 ..	141	297 5 3	..	The Executive Engineer in his letter No. 2134, dated 20th July 1891, states that the voucher will follow.	(7) Voucher not yet received	(7) The submission of the voucher should be expedited.
					Periyar No. I Division.		
8	March 1889 ..	151	1,434 0 7	..	No explanation has been furnished	(8) In G.O., No. 2259 W., dated 20th August 1891, the Superintendent of Works was ordered to report whether Central office voucher No. 151 for March 1891 was likely to be forthcoming, if not sanction of Government is awaited to admit the charge without a voucher or the Superintendent furnishing a certificate that payment has been made as recorded in the cash book and that no part of the payment is covered by any other voucher.	(8) A reply to para. 2 of G.O., No. 2259 W., dated 20th August 1891, is awaited.
9	February 1890 ..	387A	145 0 0	..	No explanation has been furnished	(9 to 16). The report of the Superintendent as to whether these vouchers are likely to be forthcoming is awaited (*vide* G.O., No. 2359 W., dated 4th September 1891). If not certificates in lieu of voucher should be submitted.	(9 to 16). The reply of the Superintendent of Works to the order against items (29 to 42) of G.O., No. 2359 W., dated 4th September 1891, is awaited.
10	March 1890 ..	25	200 0 0	..			
11	..	93	200 0 0	..			
12	January 1891 ..	142A	10 0 0	..			
13	..	502	6 9 0	..			
14	..	503A	7 8 0	..			
15	..	503B	5 0 0	..			
16	..	567A	500 0 0	..			
17	February 1891 ..	141A	242 4 0	..	Do. do.	(17 to 19). The attention of the Superintendent every month has been called to the absence of these vouchers.	(17 to 19). The Superintendent of Works will report whether these items are likely to be forthcoming.
18	..	468	323 4 0	..			
19	April 1891 ..	143	47 0 0	..			
					Public Works Workshops.		
20	February 1891 ..	15	8 7 6	No ..	No explanation has been furnished	(20 and 21). The attention of the Executive Engineer has been called every month to the absence of these vouchers. The vouchers required are receipted bills due— *Item No.* 20, by Assistant Commissioner of Salt and Abkári, Negapatam Sub-division. *Item No.* 21, by Assistant Secretary, Board of Revenue, Separate Revenue, Madras.	(20 and 21). The delay in the submission of these vouchers should be explained.
21	March 1891 ..	11	20 12 2	..			

Statement of vouchers long overdue on the 15th of October 1891 with Executive Engineer's explanation (when received) and the Examiner's remarks—*cont.*

Serial number.	Month to which voucher relates.	Central office voucher number.	Amount of voucher.	Whether vouchers were ever received or not.	Executive Engineer's explanation and remarks by Superintending Engineer (if any).	Examiner's remarks.	Orders of Government.
1	2	3	4	5	6	7	8
			RS. A. P.		*West Coast Division.*		
22 23	June 1890	78 92	558 0 1 134 5 7	No .. .. }	The Executive Engineer in his No. 2007, dated 18th June 1891, says that the voucher will follow very shortly, having gone in for contractors' signature.	(22 and 23). The voucher has not been received as yet. The Executive Engineer should take immediate steps to get back the vouchers properly completed from the contractors.	(22) and (23). The submission of the vouchers should be expedited.
24	March 1891 ..	223	4 0 0	..	The Executive Engineer in his No. 3636, dated 5th November 1891, says that the voucher will follow.	(24) The voucher has not been received as yet ..	(24) The submission of the voucher should be expedited.
25	April 1891 ..	40	30 0 0	..	The Executive Engineer in his No. 3636, dated 5th November 1891, says that the voucher was sent with wrapper No. 67 of 29th May 1891.	(25) The Executive Engineer has been informed that these vouchers have not been received and has been requested to make a further search and report result.	(25) If the vouchers have been lost in transmission, certificates in lieu should be submitted.

N.B.—In column 5 "No" means that the voucher has never been received at all from the Executive Engineer and "R" means that it was returned to him after receipt for correction, &c., and has not been sent back.

December 1891.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

ORDER—dated 8th December 1891, No. 3286 W., Public Works.

Communicated to officers concerned, whose attention is drawn to the orders entered against the items in the statement.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel,, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" " III "
" " IV "
" " V "
" Superintendent of Works, Periyár Project.
" Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 8th.

Recd. *Encl.*

G.O., 8th Dec. 1891, No. 3286 W.

DECEMBER.

Vouchers

Orders on a list from the Examiner, Public Works Accounts, of — long overdue on the 15th October 1891.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From G. D. WYBROW, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 21st August 1891, No. 303 V.Z.

I have the honour to bring to your notice that the building * occupied for the Sub-Registrar's office at Bimlipatam in the Vizagapatam division was vacated on the 6th May last, the Sub-Registrar's office having been removed into the vacant old District Munsif's court-house at that place (*vide* G.O., No. 819 W., dated the 20th March 1891). It is now in charge of this department.

* *Vide* No. 6 in Provincial Register of Public Buildings.

2. I have asked the local heads of the various departments to state whether the building would be required by them and I have received replies that it is not required for any department. I know of no use which the said building can be put to by this department, and I, therefore, request that you will be so good as to obtain the sanction of Government for the sale of the building by public auction. The building stands in the books at a value of Rs. 650, and the Executive Engineer reports that it was purchased for that price in 1882. Its present value is reported to be about Rs. 150.

From the Superintending Engineer, I Circle, dated 11th September 1891, No. 357 V.Z.
„ Director-General of Telegraphs, dated 23rd November 1891, No. 5233.

ORDER—dated 8th December 1891, No. 3287 W., Public Works.

The sale, by public auction, of the materials of the old Sub-Registrar's office at Bimlipatam is sanctioned.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
„ Examiner, Public Works Accounts.
„ Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 8th.

Recd. *Encl.*

G.O., 8th Dec. 1891, No. 3287 W.

DECEMBER.

Old Sub-Registrar's Office at Bimlipatam

The sale of the materials of the —, by ublic auction, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following paper:—

From G. H. D. WALKER, Esq., Under-Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 23rd November 1891, No. 2994 G.

With reference to your letter No. 2603 W., dated the 29th September last, requesting sanction to the grant of local allowances to Public Works employés in the hill tracts of Ganjam, I am directed to request that a statement may be submitted showing the officers affected or likely to be affected and the cost involved.

2. I am to request that it may be stated, for the information of the Government of India, what allowances, if any, are drawn by officers in other departments serving in the Ganjam hill tracts.

ORDER—dated 8th December 1891, No. 3288 W., Public Works.

Communicated with reference to G.O., No. 2602 W., dated 29th September 1891, to the Superintending Engineer, I Circle, who will supply the information called for in para. 1.

2. Para. 2 will be referred to the Financial Department.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
„ Financial Department.

GENERAL.
ESTABLISHMENT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 8th.

Recd. *Encl.*

G.O., 8th Dec. 1891, No. 3238 W.

DECEMBER.

Local Allowances

Letter from the Government of India calling for certain information with reference to the proposal for the grant of — to Public Works employés in the hill tracts of Ganjam, communicated to the Superintending Engineer, I Circle, and the Financial Department for compliance.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

From Dr. H. WARTH, Officiating Superintendent, Government Central Museum, to the Secretary to Government, Revenue Department, dated Madras, 7th October 1891, No. 702.

I have the honour to submit a proposal for making some small use of the inexhaustible supply of pure iron ore in the Madras Presidency.

2. It was already during the time of the construction of the Madras Harbour that I suggested to an Engineer the use of blocks of iron ore from Central India. The distance by rail was, however, thought so great as to make the cost prohibitive.

3. On arriving lately at Madras, the site of the large concrete blocks revived in me at once the idea of utilizing the iron ore not in the form of natural pieces which are difficult to obtain in large size but as a material to make concrete blocks with.

4. I have made experiments on a small scale, Mr. Chatterton, Professor of the Engineering College, having kindly given me his aid. We made small trial blocks with cement, using for some the ordinary sand and for others the magnetic iron ore. The specific gravity of the wet blocks of sand and cement is 1·88, that of the wet blocks made with magnetite = 2·82. Immersed in fresh water, the iron ore blocks weighed a little more than twice as much as the blocks made with ordinary sand. Such blocks of magnetite and cement will accordingly resist the action of rushing water as well as similarly shaped blocks of ordinary sand and cement of eight times the size. Blocks of magnetite and cement will therefore be able to resist the rush of the sea far better than blocks of ordinary sand and cement of the same size.

5. There is no reason why concrete should not also be made of pure magnetic iron ore. Such blocks of concrete would be more costly on account of the transport of the ore by rail a distance of 100 or 160 miles; still it would be quite worth while to use them exceptionally at corners which will be exposed to the greatest violence of the waves and as a protective covering over the ordinary concrete blocks.

6. In case the officers entrusted with the Madras Harbour Works would be inclined to make up a number of concrete blocks of magnetic or hematite iron ore I would like, with your approval, to offer my services in procuring and selecting the ore for the experiment.

No. 1369, Routine.

Transferred to the Marine Department.

Fort St. George,
22nd October 1891.

(Signed) C. A. GALTON,
Secretary to Government.

Transferred to the Public Works Department.

(Signed) J. F. PRICE,
Chief Secretary.

29th October 1891.

No. 4896 C.

Referred to the Chairman, Harbour Trust Board, for remarks.

MADRAS, (Signed) J. PENNYCUICK, Colonel, R.E.,
6th November 1891. Secretary to Govt., P.W.D.

From Dr. H. WARTH, Officiating Superintendent, Government Central Museum, to the Secretary to Government, Revenue Department, dated Madras, 29th October 1891, No. 776.

In continuation of my report No. 702, dated 7th October 1891, I have the honour to state that I have made two concrete blocks, one of gneiss rock and ordinary quartz sand, the other of iron ore and iron ore sand.

2. These concrete blocks are heavier than the cement blocks which I first made, but the proportion of weight between the ordinary blocks and those of iron ore is about the same and immersed in water the concrete blocks of iron ore weigh also twice as much as the ordinary concrete blocks.

3. The actual weights on the scale are 148 lb. and 241 lb., respectively, per cubic foot of concrete. The specific gravities are 2·4 and 3·9 and immersed in water the blocks weigh 86 lb. and 179 lb.

4. The specific gravity of the gneiss was 2·6 and that of the iron ore 4·5.

5. I have the honour to ask that I may be informed to what Engineer or officer in charge of the Madras Harbour Works I might send the blocks for inspection and give further details.

No. 1509 R.

Transferred to the Marine Department in continuation of endorsement, dated 22nd October 1891, No. 1369, Routine.

FORT ST. GEORGE, (Signed) C. A. GALTON,
5th November 1891. Secretary to Government.

Transferred to the Public Works Department in continuation of current No. 1130 of the 29th ultimo.

(By Order.)

(Signed) N. S. BRODIE,
12th November 1891. Ag. Assistant Secretary.

No. 5111 C.

Referred to the Chairman, Harbour Trust Board, in continuation of endorsement, No. 4896 C., dated 6th November 1891, and with request that the information asked for in para. 5 may be supplied to Dr. Warth direct.

(Signed) J. PENNYCUICK, Colonel, R.E.,
17th November 1891. Secretary to Govt., P.W.D.

From W. P. AUSTIN, Esq., C.S., Chairman, Harbour Trust Board, to the Chief Secretary to Government, dated Madras, 26th November 1891, No. 2368.

With reference to two letters from Dr. Warth, Nos. 702 and 776, dated 7th and 29th October 1891, forwarded, for remarks, under endorsement in the Revenue Department (current Nos. 1130 and 1186 returned herewith), I have the honour to submit, for the information of Government, copy of a letter No. 948, dated 23rd instant, from the Board's Engineer.

Enclosure.

From A. Lee Pogson, Esq., Engineer, Harbour Trust Board, to the Chairman, Harbour Trust Board, dated Madras, 23rd November 1891, No. 948.

In reply to your letter No. 5146, dated 10th instant, forwarding a letter from Dr. Warth for remarks regarding the use of iron ore in block-making, I have the honour to inform you that such material could not be used for several reasons and I should be sorry to use such material in connection with any work exposed to salt water and were such material used in the blocks it would not be long before the iron ore blocks would want protection instead of the present concrete blocks being protected.

2. The question of the use of the material would be a small matter to settle, but, were such material suitable to block-making and even if it could be delivered in Madras for nothing, the change would cost the works an enormous amount, as the blocks being heavier could not be made or handled by the present machinery; therefore new plant throughout would be required or smaller blocks would have to be made to be within the required weights This would mean an alteration in design, rendering the present cranes and machinery useless, or an unnecessary weight and quantity of materials put into the works besides new block moulds throughout.

3. It is, therefore, useless to go into the details of what the action of salt water would be upon the iron ore used for concrete when compared with experience in the use of our rich (iron) clay accidentally used in the manufacture of Portland cement afterwards exposed to salt water.

Transferred to the Public Works Department.

(Signed) J. F. PRICE,
Chief Secretary.

1st December 1891.

Note by the Chief Engineer, Public Works Department.

The undersigned entirely concurs in the views of the Engineer to the Harbour Trust Board. The objections to Dr. Warth's proposal are obvious to any one with practical knowledge of the subject.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

3rd December 1891.

Order—dated 8th December 1891, No. 3289 W., Public Works.

The Government agrees with the Chief Engineer in considering the proposal to use iron ore in the manufacture of concrete blocks for the Madras Harbour to be impracticable.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chairman, Madras Harbour Trust Board.
,, Marine Department.
,, Revenue ,,

GENERAL
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 8th.

Recd. *Encl.*

G.O., 8th Dec. 1891, No. 3289 W.

DECEMBER.

Iron Ore

Agreeing with the Chief Engineer in considering that the proposal to use — in the manufacture of concrete blocks for the Madras Harbour is impracticable.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

From the Under-Secretary to the Government of Bombay, Public Works Department (Railway), to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Bombay Castle, 25th March 1891, No. 668.

I am directed to forward, for favour of necessary action, copy of a letter from the Agent, Southern Mahratta Railway Company, No. 305, dated the 7th/16th March 1891, together with the plan and schedule referred to, regarding the proposed relinquishment of certain land at Nandyál.

Proceedings of the Board of Revenue (Land Revenue), dated 10th August 1891, Mis. No. 5702.

Mr. G. McWatters.

Read—again Board's Proceedings, dated 31st July 1891, Mis. No. 5422.

Read—also the following letter from C. KOUGH, Esq., Collector of Kurnool, dated 25th July 1891, No. 3471.

With reference to Board's Proceedings, No. 5149, of 22nd current, I have the honour to invite attention to my letter No. 3189 of 13th idem, and to enclose copy of letter from Executive Engineer upon which my action was based.

2. The Board will from this perceive that the building has been purchased by the Public Works Department, and no action in the direction indicated in para. 2 of Board's Proceedings is necessary or indeed possible.

Resolution—dated 10th August 1891, Mis. No. 5702.

Submitted to Government in continuation of Board's Proceedings, dated 22nd July 1891, Mis. No. 5149.

(A true Copy and Extract.)

(Signed) W. S. MEYER,
Acting Secretary.

No. 5076, Revenue.

Referred to the Public Works Department for information as to whether the estimate sanctioned in G.O., No. 320 W., dated 4th February 1882, included the cost of acquisition of the site of the building. If it did, the Railway Company will be entitled to a refund of whatever sum the site may now be valued at in view of the understanding referred to in para. 3 of the Executive Engineer's letter of the 6th July 1891.

OOTACAMUND, (Signed) R. C. C. CARR,
25th September 1891. Acting Under Secretary.

From Colonel H. SMALLEY, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 13th October 1891, No. 1864.

In returning the original papers received with your endorsement No. 4397 C., dated 8th October 1891, I have the honour to inform you that the estimate of Rs. 7,159 for Forest officer's bungalow at Nandyál, sanctioned in G.O., No. 320 W., dated 4th February 1882, included the sum of Rs. 34 on account of the cost of site of the building.

G.O., dated 13th November 1891, No. 5843, Revenue.

Read—again G.O., dated 25th September 1891, No. 5076, Revenue.

Read—also endorsement of the Public Works Department, dated 15th October 1891, No. 4529.

ABSTRACT.—Transferring letter from the Superintending Engineer, III Circle, informing that the estimate for Forest officer's quarters at Nandyál included the sum of Rs. 34 for site.

Order—dated 13th November 1891, No. 5843, Revenue.

With its letter, dated 25th March 1891, No. 668, transferred with Public Works Department endorsement, dated 15th May 1891, No. 217, the Bombay Government forwards a letter from the Agent to the Southern Mahratta Railway Company, relinquishing the site of the hospital building at Nandyál in the Kurnool district and requesting that the necessary action might be taken thereon.

2. From the correspondence that has taken place since, it appears that the building was constructed for the use of the District Forest-officer, provision being made in the estimate for the acquisition of the site, and that the building was sold to the Railway Company in 1884 and resold by it to the Public Works Department, the site not being included in the resale.

3. The Agent states that the site was permanently transferred to the Railway Company with the building. If so, it would appear to belong to the Company still, and the necessary action referred to by the Agent being presumably the crediting of the value of the site to its capital account, the papers will be retransferred to the Public Works Department for disposal.

(True Extract.)

(Signed) C. A. GALTON,
Secretary to Government.

G.O., dated 24th November 1891, No. 1683 R., Revenue.

Office-note from the Examiner, Public Works Accounts, dated Madras, 27th November 1891, No. 7373.

[Your office-note No. 5208 C, dated 21st November 1891.]

The Southern Mahratta Railway Company should debit the amount in transfer to the Executive Engineer, Kurnool division, and send the transfer debit advice through this office.

ORDER—dated 8th December 1891, No. 3290 W., Public Works.

The Government of Bombay will be addressed in the terms of the Examiner's note, No. 7373, dated 27th November 1891.

(Here enter No. 3291 W., dated 8th December 1891.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with two enclosures.
" Consulting Engineer for Railways.
" Examiner, Public Works Accounts.
" Revenue Department.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 8th.

Recd. *Encl.*

G.O., 8th Dec. 1891, No. 3290 W.

DECEMBER.

Railway Hospital Building at Nandyal

Ordered that the Government of Bombay be addressed on the subject of the refund to the Southern Mahratta Railway Company of the value of the land relinquished by the Company on which the — was constructed.

PUBLIC WORKS DEPARTMENT.

General.
Account.

LETTER—from

COLONEL J. PENNYCUICK, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF BOMBAY,
PUBLIC WORKS DEPARTMENT.

SIR,

With reference to your letter No. 668, dated 25th March 1891, I am directed to request that the Southern Mahratta Railway Company may be instructed to debit in transfer to the Executive Engineer, Kurnool division, the value of the land relinquished at Nandyál and to forward the transfer debit advice through the Examiner, Public Works Accounts, Madras.

2. The delay in replying to your letter has been due to inquiries in the Revenue Department as to the history of the land in question.

I have the honour to be,
Sir,
Your most obedient servant,

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
8th December 1891.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras
PUBLIC WORKS.

Dated December, 8th.

Recd. *Encl.*

8th Dec. 1891, No. 3291 W.

DECEMBER.

Railway Hospital Building at Nandyal

Requesting that the Southern Mahratta Railway Company may be instructed to debit in transfer to the Executive Engineer, Kurnool division, the value of the land relinquished on which the — was constructed.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From the Officiating Deputy Secretary to the Government of India, Public Works Department (Account—Civil Works), to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 27th November 1891, No. 272 A.-C.W.

I am directed to acknowledge the receipt of your letter No. 2879 W., dated 29th October 1891, submitting, for the orders of Government of India, Proceedings of the Government of Madras in which sanction has been accorded to two separate estimates for the buildings connected with the new High Court at Madras, amounting to Rupees 9,99,535 and Rs. 2,34,128, respectively, and, in reply thereto, to point out that, as the second estimate provides for buildings that appear to be supplementary to those provided for in the first estimate, they must, under Public Works Code, volume II, chapter XV, para. 185, be considered as forming part of the original project.

2. I am, therefore, to request that an estimate for the aggregate amount may be prepared and submitted to the Government of India for the sanction of the Secretary of State.

3. I am to add that the work may be permitted to proceed pending sanction to the complete estimate now called for.

ORDER—dated 9th December 1891, No. 3301 W., Public Works.

Communicated to the Consulting Architect, who will submit a complete revised estimate for the project, the report accompanying which should fully explain the causes of excess.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government.
„ Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 9th.

Recd. *Encl.*

G.O., 9th Dec. 1891, No. 3301 W.

DECEMBER.

New High Court Buildings at Madras

Letter from the Government of India, calling for an estimate for the aggregate amount of the — inclusive of the block of buildings to contain chambers for vakils and barristers as well as an additional Small Cause Court, communicated to the Consulting Architect to Government with instructions.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

G.O., dated 7th December 1891, No. 6954, Military.

Read—the following paper :—

From the Inspector-General of Ordnance, dated 2nd December 1891, No. I/13612.

I have the honour to report, for the information of His Excellency the Governor in Council, that the issue of revolvers to departmental warrant and non-commissioned officers is sanctioned by clause 43, India Army Circulars, dated 31st March 1890, and that, therefore, no further orders are required to comply with requisitions based on this India Army Circular. All that is necessary in this case and in future cases is that the requisition should be prepared on correct form (which can be had from the Arsenals at Madras or Bellary) and countersigned by the Superintending Engineer of the Circle (*vide* para. 834, Army Regulations, India, Volume IV, Ordnance, Part II, Stores).

2. The Ordnance officer, Madras, has been instructed to send to the Executive Engineer, West Coast, Public Works division, correct forms of requisition duly filled in for the signature of that officer and the countersignature of the Superintending Engineer.

Order—dated 7th December 1891, No. 6954, Military.

Communicated to the Public Works Department, for information and guidance, with reference to endorsement in that department No. 5272 C., dated 24th November 1891.

(True Extract.)

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

ORDER—dated 9th December 1891, No. 3302 W., Public Works.

Communicated to Superintending Engineers for information and guidance.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
" the Consulting Architect to Government.
" the Superintendent of Works, Periyár Project.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 9th.

Recd. *Encl.*

G.O., 9th Dec. 1891, No. 3302 W.

DECEMBER.

Revolvers

Proceedings in the Military Department, communicating letter from the Inspector-General of Ordnance regarding procedure to be observed with reference to requisitions for the issue of — to departmental warrant and non-commissioned officers, communicated to Superintending Engineers for information and guidance.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper:—

From the Superintending Engineer, VI Circle, dated 30th Nov. 1891, No. 1295 T.C.

Order—dated 9th December 1891, No. 3303 W., Public Works.

The following surrenders are resumed and credited to the Provincial reserve with the Government:—

Civil Buildings.

Major Works.

		RS.
1.	Subsidiary jail and out-houses to the Tahsildar's office at Otapidáram ...	3,510
2.	Constructing three additional buildings for the District court-house at Kokarakulam	3,600
3.	Constructing a new court-house for the District Munsif of Ambásamudram	2,000
	Total ...	9,110

2. The sum of Rs. 200 required for the Tinnevelly division under tools and plant in addition to the budget grant of Rs. 300 is allotted from the Provincial reserve with the Government.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle.
„ Examiner, Public Works Accounts.
„ Revenue Department.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 9th.

Recd. *Encl.*

G.O., 9th Dec. 1891, No. 3303 W.

DECEMBER.

Funds

Certain surrender of — in Tinnevelly division resumed and credited to the reserve and an allotment made to that division under tools and plant.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From Major D. McNEIL CAMPBELL, R.E., Superintending Engineer, V Circle, to the Inspector-General of Registration, dated Chepâk, 19th October 1891, No. 630 S.A.

With reference to your letter No. 4647, dated 6th instant, I have the honour to forward the enclosed revised plans and estimate of Rs. 3,550 for constructing a Sub-Registrar's office at Mannárgudi in South Arcot district for your disposal.

2. This estimate has been prepared in accordance with the revised type design approved in G.O. No. 1320 W., dated 13th May 1891, as requested by you in your letter No. 1947, dated 25th May 1891.

No. 5292 G.

Submitted for the sanction of Government.

2. The necessity for the construction of a new office was brought to the notice of Government in my letter No. 2707 T., dated 8th July 1890, recorded in G.O., Judicial, dated 19th July 1890.

MADRAS, (Signed) S. SRINIVASA RAGHAVAIYANGAR,
8th November 1891. Inspector-General of Registration.

To the Chief Secretary to Government.

Approved and transferred to the Public Works Department.

(By Order).

(Signed) A. BUTTERWORTH,
27th November 1891. Acting Under-Secretary.

ORDER—dated 9th December 1891, No. 3304 W., Public Works.

The estimate, amounting to Rs. 3,550, for constructing a Sub-Registrar's office at Mannárgudi in the South Arcot district, is sanctioned.

2. This sanction has been registered as Provincial No. 94 W. of 1891–92 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle, with six enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 9th.

Recd. *Encl.*

G.O., 9th Dec. 1891, No. 3304 W.

DECEMBER.

Sub-Registrar's Office

Estimate of Rs. 3,550 for constructing a — at Mannárgudi in South Arcot district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

From Lieut.-Colonel R. R. E. DRAKE-BROCKMAN, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated 2nd December 1891, No. 628 W.

In forwarding, herewith, a statement showing the balance of grants available on the 31st October 1891 under the head Provincial in the Coimbatore division, I have the honour to request you will be good enough to obtain the sanction of Government to the transfer of the same to the newly-constituted Salem division.

ENCLOSURE.

GENERAL BRANCH.—Statement showing the grant, outlay up to 31st October 1891 and the balance of grant to be transferred to the Salem division.

Item number.	Names of works.	Grant for 1891–92.	Outlay during the year up to 31st October 1891.	Balance.	Amount required for the Coimbatore division.	Amount to be transferred to the Salem division.
	PROVINCIAL CIVIL BUILDINGS.	RS.	RS.	RS.	RS.	RS.
	Major Works.					
1	Sub-Registrar's office at Thathiengarpett.	1,770	1,085	685	..	685
2	Do. do. at Omalúr ..	2,570	304	2,266	..	2,266
3	Do. do. at Atúr	1,725	338	1,387	..	1,387
4	Second-class police station at Shevapet ..	2,988	1,007	1,981	..	1,981
5	Quarantine shed for females, hospital for warders and deputy chief warder's quarters	4,010	3,047	963	..	963
6	Taluk office at Tirupatúr	5,000	1,640	3,360	..	3,360
7	Do. at Tiruchengód	5,000	1,390	3,610	..	3,610
8	Constructing quarters at Yercaud for the clerks and inferior servants of the Deputy Tahsildar's office	3,500	..	3,500	..	3,500
	Total Major ..	26,563	8,811	17,752	..	17,752
	Minor New Works.					
9	Lump sum	21,424	12,932	8,492	5,657	2,835
	Repairs.					
10	Lump sum	23,000	6,215	16,785	13,854	2,931
11	*General tools and plant*	2,500	469	2,031	1,000	1,031
	Imperial Civil Buildings	• No grant is available for transfer.				

To the Superintending Engineer, IV Circle, with reference to his No. 1095 C.I. of 14th instant.

(Signed) J. C. LARMINIE,
Executive Engineer, Coimbatore division.

29th November 1891.

ORDER—dated 9th December 1891, No. 3305 W., Public Works.

Sanctioned.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 9th.

Recd. *Encl.*

G.O., 9th Dec. 1891, No. 3305 W.

DECEMBER.

Funds

Sanctioning certain transfer of — to the newly-constituted Salem division.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper :—

From J. W. MARTIN, Esq., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 2nd December 1891, No. 2456.

I have the honour to state that a sum of Rs. 17,149, as per details in the margin, is not required under Provincial Civil Buildings Major Original Works, Cuddapah Division, and therefore request that the same may be resumed.

	RS.
(1) Additions and alterations to the district jail, Cuddapah ...	7,000
(2) Constructing a combined office for the Tahsildar and Sub-Magistrate at Cuddapah ...	5,400
(3) Constructing District Munsif's Court, Proddutúr ..	3,591
(4) Constructing Sub-Magistrate's office, Jammalamadugu ...	1,158
Total ...	17,149

2. The amount surrendered from the district jail, Cuddapah, is due to the great delay caused in acquiring dhoby's huts.

3. As regards other works timber ordered some three months back from Public Works Workshops, Madras, has not yet been received, and as there will not be sufficient time to complete the works even if the timber is received hereafter, it is thought advisable to give up a portion of the grant.

Order—dated 9th December 1891, No. 3306 W., Public Works.

The following surrenders are resumed and credited to the Provincial reserve with the Government :—

Civil Buildings.

Major Works.

		RS.
1.	Additions and alterations to the district jail at Cuddapah ...	7,000
2.	Constructing a combined office for the Tahsildar and Sub-Magistrate at Cuddapah	5,400
3.	Constructing District Munsif's Court at Proddutúr	3,591
4.	Do. Sub-Registrar's office at Jammalamadugu ...	1,158
	Total ...	17,149

2. The Superintending Engineer, V Circle, will obtain and submit to Government explanation from the Superintendent, Public Works Workshops, as to the delay brought to notice by the Superintending Engineer, III Circle, in the supply of timber indented for.

3. The item "Sub-Magistrate's office, Jammalamadugu," in the Superintending Engineer's letter recorded above is presumed to be a clerical error for "Sub-Registrar's office."

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" " " V "
" Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 9th.

Recd. *Encl.*

G.O., 9th Dec. 1891, No. 3303 W.

DECEMBER.

Funds

Orders on letter from Superintending Engineer, III Circle, surrendering —, amounting to Rs. 17,149, under Civil Buildings Major Works, Çuddapah Division.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—again the following paper :—

G.O., dated 30th September 1891, No. 2621 W., Public Works.

READ—also the following papers :—

Office-note from the Chief Engineer for Irrigation, dated Madras, 12th November 1891, No. 292.

Proceedings of the Madras Government, No. 2621 W, dated 30th September 1891, and statement referred to in para. 1 of the order, which has been obtained for reference from your office, and is returned herewith; it appears to me that several buildings have been dealt with which should not have been so.

(1) *Rest-house at Ralli.*—This is merely one of the rest-houses built when the Godávari project was being carried out from Irrigation funds for temporary occupation by officers without rent. It *was*, when the Central delta was a temporary division, allowed to be occupied by the Executive Engineer as a residence on payment of rent; but since that delta has ceased to be a separate division, the building falls back into the category of "rest-houses" and should no more be dealt with in the statement under notice than any of the other rest-houses.

(2) The "old toll offices" at Papanchavadi and Pedda Ganjam on the Buckingham canal seem entirely out of place in the statement.

(3) The same is the case also with the goods and store sheds and the "stalls" on the Kurnool canal which are not in any way "residences." The latter were constructed by the Madras Irrigation and Canal Company merely to keep bullocks or ponies in when the company started the management of traffic itself.

(4) The "plank shed" at the Grand Anicut, Tanjore, is not a "residence," nor is the "Central station covered wharf," Kistnapuram-Kurnool canal, one.

(5) Whether the "rest-houses" at Thekady and Periyár are correctly brought into the statement I do not know.

Office-note to the Examiner, Public Works Accounts, dated Madras, 19th November 1891, No. 5149 C.

[Office-note from Chief Engineer for Irrigation, dated 12th November 1891, No. 292.]

Please say whether you know of any reason why the buildings named by Chief Engineer for Irrigation should not be removed from the category of buildings let or available for rent as private residences.

2. There are other buildings in the statement, notably the "tiled house" at Adyár, which is understood to be an old servant's godown, in a ruinous condition for which no rents ever appear to have been collected and which also should apparently be removed from the Capital and Revenue accounts.

Office-note from the Examiner, Public Works Accounts, dated Madras, 1st December 1891, No. 7419.

With reference to remarks of the Secretary to Government, Irrigation Branch, on the buildings noted below, giving reasons why they should not have been dealt with in the Capital and Revenue accounts of buildings let or available for rent as residences, and to your inquiry thereon, I beg to remark as follows :—

(1) *Rest-house at Ralli.*—This building was occupied by W. C. Lewis, Esq., Executive Engineer, and J. S. Wilson, Esq., Assistant Engineer, during 1889–90 ; it was vacant during 1890–91 ; but as arrears of rent for 1889–90 was recovered in 1890–91, it was brought on the statement.

The building will be omitted from the Capital and Revenue accounts in future if it is not available for rent.

(2) Old tiled house at Papanchavadi,
Tiled house at Adyár,
Tiled shed at Pedda Ganjam, } In Buckingham canal division.
Stalls,
Goods and store sheds,
Canal station covered wharf, } In Kurnool division.

In the return of buildings rented and available for rent of the divisions concerned, the buildings in question were shown as "vacant", and as it was thought they were available for rent, they were brought on the statement they have not been occupied.

These buildings will be omitted from the Capital and Revenue accounts in future if they are not available for rent.

(3) *Plank shed at Grand Anicut, Tanjore.*—This building was occupied by the Anicut Superintendent during 1889–90 and 1890–91, and rent at Rs. 5 per mensem recovered from him. This building is still occupied, and, so long as it is occupied as a residence, it should be kept on the Capital and Revenue accounts.

(4) *Rest-house at Thekady and Periyár.*—These were brought on the statement as in G.O. No. 746 W., dated 14th March 1891, rent at Rs. 10 per mensem was fixed to be recovered when occupied as residences.

Rest-house at Thekady was occupied during 1889–90, but has been vacant since.

Rest-house at Periyár was occupied from July 1890 and is still occupied.

If the former is not now available for rent as a residence, it will be omitted from the Capital and Revenue accounts for current year ; the latter will be kept on as it is still occupied.

ORDER—dated 9th December 1891, No. 3307 W., Public Works.

The undermentioned buildings will be omitted from the Capital and Revenue accounts of Government buildings let or available for rent as private residences.

Godávari Western Division.

Rest-house at Ralli.

Buckingham Canal Division.

Old toll-house at Papanchavadi.
Tiled house at Adyár.
Toll-shed at Pedda Ganjam.

Kurnool Division.

Stalls.
Goods and store sheds.
Canal station covered wharf.

2. Superintending Engineers concerned will report whether the undermentioned buildings are likely to be again occupied as quarters or whether they should be omitted from the Capital and Revenue accounts.

Irrigation Buildings, Kurnool Division.

Dresser's quarters, Jupad.
Apothecary's quarters and store shed, Deboogoontha.
Overseer's quarters, Pagadial.
Overseer's quarters, Jupad.
Overseer's house, Bheempaud.
Overseer's house, Adnamayapally.

Periyár No. I Division.

Rest-house at Thekady.

Provincial Buildings, Ganjam Division.

Portion of Sub-divisional office building, Russellkonda.

Godávari Eastern Division.

Executive Engineer's bungalow, Dumagudem.

Bellary Division.

Old range office, Kúdligi.
Thatched shed for Public Works subordinates, Adóni.

West Coast Division.

Old taluk school converted into Overseer's quarters, Udipi.
Supervisor's quarters, Luckady.
European head constable's quarters, Manantoddy.
Chaplain's room at Malapuram.

Coimbatore Division.

Overseer's shed, Tirupatur.
Storekeeper's quarters, Naduvattam.
Sapper lines, Kandal, Ootacamund.

South Arcot Division.

Overseer's shed, Tirukoilur.
Barracks, south portion, Munjakupam.

Trichinopoly Division.

Range office building, Musiri.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
„ Superintending Engineers.
„ the Superintendent of Works, No. I Periyár division.
„ the Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 9th.

Recd. *Encl.*

G.O., 9th Dec. 1891, No. 3307 W.

DECEMBER.

Buildings

Certain — ordered to be omitted from the Capital and Revenue accounts of Government buildings let or available for rent as private residences.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

From M.R.Ry. S. SRINIVASA RAGHAVAIYANGAR, Avergal, Dewan Bahadur, Inspector-General of Registration, to the Chief Secretary to Government, dated Madras, 15th November 1891, G. No. 5444.

I have the honour to submit, for the sanction of Government, plan and estimate, amounting to Rs. 2,810, for the construction of an office building for the Sub-Registrar of Nattam in the Madura district received from the Superintending Engineer, VI Circle.

2. The construction of an office building for the Sub-Registrar has been sanctioned in G.O., Judicial, dated 17th April 1891, No. 740.

Approved and transferred to the Public Works Department.

(By Order.)

(Signed) A. BUTTERWORTH,
Ag. Under-Secretary.

27th November 1891.

Order—dated 9th December 1891, No. 3308 W., Public Works.

The estimate, amounting to Rs. 2,810, for constructing a Sub-Registrar's office at Nattam in the Madura district, is sanctioned.

2. This sanction has been registered as Provincial No. 95 W. of 1891–92 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt, P.W.D.

To the Superintending Engineer, VI Circle, with five enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 9th.

Recd. *Encl.*

G.O., 9th Dec. 1891, No. 3308 W.

DECEMBER.

Sub-Registrar's Office

Estimate of Rs. 2,810 for constructing a — at Nattam in Madura district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

Statement giving data for calculation of rents of buildings in Madura division.

Item number.	Name of building.	Official designation and salary of occupant.	Whether permanent or temporary (P. or T.).	Date of completion or purchase.	Capital cost. — Cost of construction or purchase.	Capital cost. — Establishment and T. and P. at 10 per cent. on account in (6).	Capital cost. — Cost of site.	Capital cost. — Total.	4 per cent. on capital cost (9).	Actual average cost of repairs (vide G.O., No. 1367 W., dated 22nd May 1889). — Cost of repairs.	Actual average cost of repairs — Ten per cent. to establishment and T. and P.	Actual average cost of repairs — Total.	Estimate cost of repairs when actual average is not taken.	Normal rate of rent on basis of foregoing data. — Annual 10 + 13 or 10 + 14.	Normal rate of rent — Monthly 1/12 of 15.	Rent paid prior to 7th September 1888.	Rent to be charged. — Yearly.	Rent to be charged. — Monthly.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Provincial buildings.				RS.		RS.	RS.	RS.	RS.	RS.	RS.		RS.	RS.	RS.	RS.	RS.	
1	Sub-divisional officer's bungalow at Uthamanpolliem.	Sub-divisional officer, Rs. 280.	P.	1888.	1,539	..	15	1,554	62	116	12	128	..	190	16	6	192	16	
2	Portion occupied by Sub-divisional officer, ⅔ of the whole building.	..	P.	..	1,026	..	10	1,036	41	77	8	85	..	126	10	..	120	10	
3	Range office building at Dindigul.	Overseer, 1st grade, staff pay Rs. 85.	P.	1868-69-	5,390	..	110	5,500	220	105	10	115	..	335	28	..	336	28	The overseer pays a rent of Rs. 7 according to Code rules.
4	Sub-Collector's bungalow at Dindigul—																		
	Main building	Sub-Collector, acting, Rs. 617-11-7.	P.	1881-82.	8,355	835	64	9,254	370										
	Out-houses		P.	Before 7th Sept. 1888.	3,000	300	5	3,305	132	135	13	148	..	650	54	65	650	54	
5	Port officer's bungalow at Pámban.	Port officer, Rs. 325.	P.	Do.	3,150	..	Present value 210	3,360	134	276	28	304	..	438	36	13	432	36	
5 A	Portion of bungalow occupied by the Port officer (51 : 73).	..	..	..	2,200	..	147	2,347	94	193	19	212	..	306	25	..	300	25	
6	Residence for the Assistant Superintendent of Police, Ramnad,	Assistant Superintendent, Rs. 400.	P.	Do.	5,604	..	13	5,617	225	278	28	306	..	531	44	30	528	44	

Madura,
19th October 1891.

(Signed) W. HUGHES,
Executive Engineer.

No. 867 M.D.

Copy submitted to the Chief Engineer, Public Works Department, for final approval of Government, with reference to para. 1, clause 2, of G.O., No. 3389 W., dated 19th December 1890.

2. As regards value of sites, the value shown against items' Nos. 1 and 2 is the actual cost, in all other cases the figures were taken from the valuation statement furnished by the Collector.

3. The capital cost of item No. 6 (Police Assistant Superintendent's bungalow at Ramnad) has been taken at Rs. 5,604, as estimated by the Executive Engineer of the late Ramnad division, and this sum was shown in the statement submitted with this office No. 2137 T. I., dated 7th January 1889. As the value of the original building, which was improved in 1884, is not known, the present value of the improved building has been taken into account and the capital cost of construction shown as Rs. 5,604 against Rs. 7,980 shown in the register of buildings. This book value Rs. 7,980 appears only approximate.

4. In the case of items 1 and 2 the average actual expenditure on repairs for the past three years has been taken, as the building was completed in the early part of 1888–89.

5. The present rent or that paid prior to 7th September 1888 for the Sub-Collector's bungalow at Dindigul (item No. 4), which was fixed in 1883, is Rs. 65, but the normal rate under the new rules comes to Rs. 50 excluding the prescribed 10 per cent. for establishment and tools and plant or Rs. 54 including the centage. It is also a question, whether, in this case, the centage should properly be charged, as the building was constructed by the Revenue Department under its own supervision without the intervention of the Public Works Department. It should, therefore, be decided what rate of rent is to be charged in this case.

6. Statements of the other divisions will be forwarded as soon as received. Their submission appears to be delayed pending receipt of information from the Collectors regarding value of sites.

(Signed) J. W. MARTIN,
Superintending Engineer, VI Circle.

12th November 1891.

Office-note from the Examiner, Public Works Accounts, dated Madras, 2nd December 1891, No. 7468.

Returned with the following remarks :—

(*a*) *Item* 1 *of the statement.*—It is not stated whether the building was in existence before or after 7th September 1888. The building will be taken as constructed before 7th September 1888, as the Executive Engineer, in para. 4 of his memorandum, states that it was completed in the early part of 1888–89.

(*b*) *Items* 3 *and* 4 *of statement.*—The cost of repairs, as entered in column 13, is less than 3 per cent. on the cost of the buildings as given in column 6. It is presumed the Superintending Engineer is fully satisfied that in a series of years the repairs may be carried out for less than 3 per cent. of the cost of the building (*vide* Code para. 1041, rule I (2) note).

(*c*) *Item* 4 *of the statement.*—With reference to para. 5 of Superintending Engineer's endorsement under Code para. 1041, rule I, note 3, only in the case of houses purchased by Government no addition to the purchase price should be made for establishment and tools and plant, and, as the building was constructed by Government, 10 per cent. on the cost of construction, as given in column 6 of the statement, should be added to the capital cost. The normal rate of rent will then be Rs. 54 per mensem.

ORDER—dated 9th December 1891, No. 3314 W., Public Works.

The statement submitted by the Superintending Engineer, VI Circle, is approved with the following remarks :—

(1) The rent of the Sub-Collector's quarters, Dindigul, calculated according to existing rules is less than the amount hitherto paid, and, therefore, under note 2, rule I, para. 1041, Public Works Code, 10 per cent. on account of establishment and tools and plant must be added to the capital cost. The rent works out to Rs. 54 per mensem and this rate will accordingly be entered in the statement.

(2) The amounts added to the rent in the cases of items 3 and 4 on account of repairs are confirmed provisionally, but, if the average cost is increased hereafter, the rates must be revised.

(3) In cases, in which the normal rent is in excess of 10 per cent. of the occupant's salary, the rent will be restricted to 10 per cent.

2. The submission of statements for other divisions in the VI Circle should be expedited.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle.
,, Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 9th.

Recd. *Encl.*

G.O., 9th Dec. 1891, No. 3314 W.

DECEMBER.

Rents of Buildings in Madura Division

Orders on the statement giving data for the calculation of —

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

Proceedings of the Board of Revenue (Land Revenue), dated 24th September 1891, No. 582.

ABSTRACT.—Recommending to Government that the revised estimate of Rs. 8,180 for improvements and alterations to the *Taluk and Deputy Collector's offices* at Anantapur may be sanctioned.

No. 5902, Revenue.

The revised estimate is approved and transferred to the Public Works Department.

FORT ST. GEORGE,
17th November 1891.

(Signed) N. S. BRODIE,
for Acting Under-Secretary.

ORDER—dated 9th December 1891, No. 3315 W., Public Works.

The revised estimate, amounting to Rs. 8,180, for improvements and alterations to the Taluk and Deputy Collector's offices at Anantapur, is sanctioned in supersession of the estimate of Rs. 2,839 sanctioned in G.O., No. 2900 W., dated 15th October 1889.

2. The suggestions of the Board of Revenue contained in paras. 8, 10 and 11 of its Proceedings recorded above should be carried out during the execution of the work.

3. The sanction accorded in para. 1 of these Proceedings has been registered as Provincial No. 96 W. of 1891–92 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with six enclosures.
„ Examiner, Public Works Accounts.
„ Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 9th.

Recd. *Encl.*

G.O , 9th Dec. 1891, No. 3315 W.

DECEMBER.

Taluk and Deputy Collector's Offices at Anantapur

Revised estimate of Rs. 8,180 for improvements and alterations to the —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following paper:—

From J. DANVERS, Esq., Secretary, Public Works Department, India Office, to the Secretary to the Government of Madras, Public Works Department, dated Whitehall, S.W., 2nd November 1891, No. P.W. 2101.

A letter has been received at this office from the Agent-General for Queensland, stating that Mr. A. Henry, F.R.G.S., late of the Crown Lands Department of Queensland, is about to visit India, and requesting that facilities may be granted him for inspecting the irrigation works.

2. I shall be obliged if you will comply with Sir J. F. Garrick's request by giving Mr. Henry any facilities that may be required for visiting such works as he may wish to inspect.

ORDER—dated 9th December 1891, No. 3316 W., Public Works.

Communicated to officers of the Public Works Department concerned, who will afford Mr. Henry all requisite facilities for inspecting irrigation works under their control.

(Here enter No. 3317 W., Public Works, dated 9th December 1891.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
,, the Chief Engineer for Irrigation.
,, the Superintendent of Works, Periyár Project.

GENERAL.
ESTABLISHMENT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 9th.

Recd. *Encl.*

G.O., 9th Dec. 1891, No. 3316 W.

DECEMBER.

Mr. A. Henry, F.R.G.S.

Letter from the Secretary, Public Works Department, India Office, London, requesting that —, who is on a visit to India, may be afforded every facility for inspecting irrigation works, communicated to officers concerned with instructions.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

LETTER—from

COLONEL J. PENNYCUICK, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE SECRETARY, PUBLIC WORKS DEPARTMENT,
INDIA OFFICE,
LONDON.

SIR,

I am directed to acknowledge the receipt of your letter No. P.W. 2101, dated 2nd November 1891, and to inform you, in reply, that instructions have been issued to officers of the Public Works Department to afford Mr. Henry all requisite facilities for inspecting the irrigation works of this Presidency.

I have the honour to be,
Sir,
Your most obedient servant,
(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
9th December 1891.

GENERAL.
ESTABLISHMENT.

Govt. of {1891} Madras.

.. PUBLIC WORKS.

Dated December, 9th.

Recd. *Encl.*

9th Dec. 1891, No. 3317 W.

DECEMBER.

Mr. A. Henry, F.R.G.S.

Stating that officers of the Madras Public Works Department have been instructed to afford — all requisite facilities for inspecting irrigation works of this Presidency.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

G.O., dated 8th December 1891, No. 6250, Revenue.

Read—the following G.O., dated 1st December 1891, No. 1012, Public:—

Read—the following letter from the Government Astronomer, dated 27th November 1891, No. 90:—

I have the honour to address you on the following subject. I understand that Government has sanctioned the expenditure of Rs. 2,000 in rain-making experiments and I trust it will not be thought presumption on my part to suggest that, during the conduct of the experiments, special observations should be made by some competent meteorologist. The subject is one of such great practical importance that it is most desirable that all possible information should be obtained from the experiments. If the experiments about to be carried out are successful much will no doubt have been gained, but, if the meteorological conditions, under which the success is obtained, are fully known, the gain will be still greater, and, even if no rain is produced, careful observations may show whether or not it is worth repeating the experiments under other conditions.

2. The observations that I would suggest are these—

(1) Wet and dry bulb thermometers.
(2) Barometric readings (preferably with an Aneroid).
(3) Rainbond observations.
(4) Wind direction and strength.
(5) Clouds, both upper and lower, their nature and motions.
(6) Rainfall with accurate notes of both the amount and the time.
(7) Very careful notes of the movement of the smoke from the explosions.
(8) Atmospheric electricity.

3. I may add that the interest in these experiments is by no means confined to Madras, for I received a telegram a few days ago from Mr. C. Todd, Government Astronomer, Adelaide, requesting information regarding the Madras rainfall experiments in view of some that were about to be conducted by the South Australian Government.

Order—

Communicated to the Revenue Department with reference to G.O., dated 10th November 1891, No. 5786, Revenue.

Order—dated 8th December 1891, No. 6250, Revenue.

Some rain-making experiments have already been made in Bellary; if the Government Astronomer's suggestions had been received in time they would have been

acted on. They will, however, now be communicated to the Public Works Department with an expression of opinion that they should be borne in mind in the event of further experiments being undertaken.

(True Extract.)

(Signed) C. A. GALTON,
Secretary to Government.

Order—dated 10th December 1891, No. 3331 W., Public Works.

Recorded.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 10th.

Recd. *Encl.*

G.O., 10th Dec. 1891, No. 3331 W.

DECEMBER.

Rain-making Experiments

Recording Proceedings of the Revenue Department, communicating, with remarks, suggestions of the Government Astronomer relative to certain information being obtained when — are undertaken.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From W. DUMERGUE, Esq., Acting Collector of Malabar, to the Chief Secretary to Government, dated Calicut, 20th November 1891, Ref. on C. No. 4737 P. 91.

I have the honour respectfully to submit, for reconsideration, the question of cutting and keeping open the Kallai river bar, which was disposed of in G.O., dated 4th June 1888, No. 1627 W., Public Works.

2. It was then decided that "the Government sees no reason to incur the expense of cutting the bar—a work which has hitherto been undertaken by the timber merchants themselves in their own interest;" but I would now represent, in the first place, that the construction of the Kallai railway bridge has, by impeding the flow of water in the river, rendered the work of keeping the bar open too great for private enterprise, and, in the second place, that the opening of the bar is desirable not only in the interests of the merchants but also in the interests of Government.

3. The first point is one on which Government will probably consider a professional opinion necessary and all that I can say is that it appears to be proved by experience. If the merchants had been able to keep the bar open of late years as formerly they would undoubtedly have done so, but as it is many of them have transferred their trade to Bombay and other places.

4. With regard to the second point the interests of Government are affected directly by the decrease and prices, the District Forest-officer stating that the price has fallen to less than half of what was expected, obtained for teak saplings floated down from the plantation at Nilambúr and in erosion of the river banks by the water which cannot find an outlet.

5. The decrease in the price paid for saplings is attributed by the District Forest-officer to the expenses incurred by merchants in having to carry them over the bar instead of floating them through it and the gradual erosion of the river banks is a physical fact easily demonstrated.

6. I beg to enclose a petition from the leading timber merchants and a copy of a letter from the Deputy Collector, Calicut, on the subject. It would be seen from the latter that the Port funds of this district have for the last 7 years shown a handsome surplus, which amounted last year to Rs. 51,177. The improvement of the Kallai port and consequently of the trade and prosperity of the district is, I submit, a justifiable expenditure.

7. But apart from this it will be seen that the merchants now propose that a fee should be levied on timber of various kinds floated through the bar in order to meet the expenses of keeping it open. The scale of fees thus proposed is shown in para. 5 of the Deputy Collector's letter and it is estimated that the collections would amount to Rs. 1,601 in the year. I do not consider that this estimate is exaggerated, because I know, having recently sold timber, that there are 30,000 teak saplings at the forest depôt now, while the number of logs in the river cannot be less than 20,000. Should the collections fall short of the expenditure incurred in keeping the bar open,

the merchants promise to make up the deficiency, but I do not think this contingency will arise.

8. The cost of keeping the bar open during the five months of the shipping season is estimated at Rs. 750 and the details are given in para. 7 of the Deputy Collector's letter. At present, owing to a recent heavy flood, the bar is open and I would strongly recommend that sanction be accorded for entertaining the necessary establishment and levying the proposed fees at once. The question of making a permanent opening in the bar may be considered hereafter, but, if the bar now closes, the cost of cutting it will be considerable. On this ground, therefore, I venture to request the favour of very early orders.

Transferred to the Public Works Department with the notes of Honorable Members.

Fort St. George,
3rd December 1891.

(Signed) J. F. PRICE,
Chief Secretary.

Order—dated 11th December 1891, No. 3342 W., Public Works.

The Government must so far adhere to the decision come to in G.O., No. 1627 W., dated 4th June 1888, as to decline to sanction any expenditure of public funds on the Kallai bar, but His Excellency the Governor in Council has no objection to the officers of the Government assisting in the collection and expenditure of the money which the local merchants offer to raise for cutting the bar and keeping it open in the interests of their timber trade.

2. The bar is reported to be open at present and all that is required is to keep it open and to arrange for the cutting and maintenance of the channel in future years. For this purpose the Executive Engineer, West Coast division, is authorized to engage the requisite establishment which will be paid from the contributions raised among the merchants. This will in no sense be a Government establishment. Those interested must bind themselves to pay the fees to be imposed for the use of the channel and must advance the money required for the initial opening of the bar, to be repaid from the fee collections.

3. The arrangements for securing the advances and for collection of fees will be undertaken by the Collector, who will pay to the Executive Engineer the cost of cutting the bar and keeping it open.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 11th.

R-cd. *Encl.*

G.O., 11th Dec. 1891, No. 3342 W.

DECEMBER.

Kallai River Bar

Orders regarding the assistance to be rendered by Government officers in the collection and expenditure of money which the merchants offer to raise for cutting and keeping open the — in the interests of their timber trade.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper:—

From J. C. LARMINIE, Esq., Executive Engineer, Coimbatore division, to the Superintending Engineer, IV Circle, dated Coimbatore, 3rd December 1891, No. 6875.

With reference to your endorsement No. 422 C., dated 4th November 1891, on G.O., No. 2746 W., dated 17th October 1891, I have the honour to inform you that the church and cemetery at Wellington are now in charge of the Military Works Branch, Madras Command. As it is not clear from the Government Order if the Public Works Department is to take over Wellington church, I request you will be good enough to obtain orders of Government on the subject.

No. 634 W.

Submitted to the Chief Engineer, Public Works Department, for favour of orders.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Superintending Engineer, IV Circle.

5th December 1891.

Order—dated 11th December 1891, No. 3346 W., Public Works.

G.O., No. 2746 W., dated 17th October 1891, is not intended to supersede the arrangements ordered in the Proceedings marginally quoted, under which the Military Works Department has charge of ecclesiastical works at stations where the Public Works Department has been wholly replaced by the former department.

No. 1487 W., dated 28th May 1890.
„ 2422 W. „ 9th Sept. „

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
„ „ „ V „
„ Examiner, Public Works Accounts.
„ Military Department.
„ Ecclesiastical Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 11th.

Recd. *Encl.*

G.O., 11th Dec. 1891, No. 3346 W.

DECEMBER.

Ecclesiastical Works

Intimating that G.O., No. 2746 W., dated 17th October 1891, approving of the statement of churches and cemeteries to be repaired by the Public Works Department, does not supersede the arrangements ordered in certain Proceedings, under which the Military Works Department has charge of — at stations where the Public Works Department has wholly retired.

14TH DECEMBER 1891, No. 3371 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

Office-note from the Examiner, Public Works Accounts, dated Madras, 7th December 1891, No. 7603.

In G.O., No. 1724 W., Public Works, of 11th June 1888, it was ordered that all sanctions given by Superintending Engineers should be communicated by them to the Examiner, simultaneously with the communication to the Executive Engineer concerned, in order that prompt action, when necessary, may be taken by the Examiner, and since then this practice has been followed.

2. Sanctions accorded by Government have similarly been communicated to the Examiner, one by one.

3. The result of this has been that the Examiner's office has been flooded with half sheets of paper, while the clerical work in Superintending Engineers' offices and in the Public Works Department Secretariat, in making a copy of the application, the sanction, and the forwarding endorsement, has been considerable— to say nothing of the waste of stationery.

4. Speaking from an auditor's point of view I should decidedly prefer to have all sanctions relating to one circle either recorded on the bills in which the charges appeared, or in some collective form, rather than to have to refer to 20 or 30 separate documents for individual sanctions with the risk of one sanction being mislaid or overlooked. The only stipulation I should make would be that the sanctions for each circle reached me either before, or simultaneously with, the bill to which they related (see also para. 7).

5. From the standpoint of an officer, whose duty it is to communicate the sanctions to the Examiner, I think opinion will be undivided that the present practice involves much unnecessary clerical work.

6. I therefore propose the following simplifications in the existing procedure:—

A.

(i) Transfers and postings *within the same* division.
(ii) Increments.
(iii) Leave } relating to office and petty establishments.
(iv) Suspensions } relating to office and petty establishments.
(v) Punishments, &c. } relating to office and petty establishments.
(vi) Dates of proceeding on, and return from, leave.
(vii) Dates of relief and joining on transfer.
(viii) Dates of joining on first appointment.

No communication whatever is needed for these, as all necessary information is given in supplements to salary bills.

B.

(i) Transfers and postings *between different* divisions.
(ii) Sub-divisional allowances.
(iii) Suspensions } of Upper Subordinates.
(iv) Punishments, &c. } of Upper Subordinates.

(v) Appointments (vi) Promotions (vii) Leave (viii) Resignations (ix) Suspensions (x) Punishments, &c.	of Lower Subordinates.
(xi) Appointments (xii) Promotions (xiii) Transfers (xiv) Resignations (xv) Dismissals	of office and petty establishment.

For these, *monthly returns* in the enclosed form will be sufficient, provided they are despatched on the first of each month for the month immediately preceding (see also paras. 7 and 8).

C.

(i) *Conveyance or horse allowance.*—The sanctioning authority for these is the Superintending Engineer, and I am not aware of any rule under which specific sanction is required to be communicated to the Examiner. The allowances are "drawn like salary all the year round" (Civil Service Regulations, article 1178), and, for audit purposes, all that is necessary is that the charges are covered by competent sanction, and the most convenient way of communicating such sanction to the Examiner appears to me to record it on the journal in the bill for which the charge appears for the *first* time in each individual case, immediately above the countersignature of the "controlling officer" (but see also para. 8).

D.

(i) Carriage of horses and camp equipage.
(ii) Journeys beyond jurisdiction.

For these charges a note of the sanction, above the countersignature of the "controlling officer," on *each* journal in the bill, for which such charges appear, is all that is necessary (but see also para. 11).

E.

(i) *Advances.*—Each sanction should continue to be intimated separately to the Examiner, but there is no reason to send him a copy of the whole correspondence connected with the advance. The amount and the purpose of sanction (quoting Code paragraph under which the advance is granted) are all that is wanted.

F.

(i) Advertisements costing *above* Rs. 25 (ii) Printing charges *above* Rs. 45	per annum in each division.

These sanctions should also continue to be communicated separately to the Examiner, but for charges *below* the limits specified countersignature of the contingent bill will be accepted as sufficient authority and it will, therefore, be the duty of heads of offices to satisfy themselves that the charges in question have their approval.

7. I am confident that the adoption of these proposals will be a great relief to Superintending Engineers' offices, but I would emphasize the proviso made in the last clauses of paras. 4 and 6-A. It is absolutely necessary that the monthly returns should reach the Examiner either before, or simultaneously with, the salary bills to which they relate. Without this, the number of disallowances will increase and the advantages of the proposed change will be lost.

8. The form in which I propose that sanctions under para. 6-B should be communicated to this office is an extremely simple one, embodying, as it does, sanctions of every kind described in items I to XV of that paragraph, so that, instead of sending a crowd of separate sanctions to the Examiner during a month, each Superintending

Engineer will now render one comprehensive statement of sanctions relating to his circle for the whole month, and, if each sanction is *at once* entered in the statement, *as it is given*, all that will be necessary, say on the last day of each month, will be to fair-copy it and get it signed and despatched.

9. I have made illustrative entries in the form so as to render its use the more easily understood to Superintending Engineer's office establishments.

10. The same form would be used by the Chief Engineer, Public Works Department, when necessary.

11. With reference to paras. 6-C and 6-D, I would, however, have it clearly understood that countersignature alone cannot be accepted as authority for this office to pass the charges. A *specific* note must be made, above the countersignature, to the effect that the conveyance or horse allowance, the carriage of horses and camp equipage, or the charges for journeys beyond jurisdiction, has been sanctioned, and, if disallowances are made on the ground of the absence of such a note, it will not be the fault of the Examiner's office.

12. I also wish to be clear in stating that nothing in these proposals in any way affects the procedure under which sanctions are applied for and granted. That, as far as I can judge, should continue as at present. My object in this note is simply to reduce the clerical work and waste of stationery that now occurs in the communication of sanctions to the Examiner.

ENCLOSURE.

Item number.	Name.	Rank or grade.	Division or office.*	Event.	(1) New rank or grade. (2) Places from and to. (3) Period of leave.	(1) Description or character. (2) Whether at the public expense or not.	Date of taking effect.	Rate or amount per mensem.	(1) Cause or vacancy. (2) Rule under which granted.	Remarks.
1	2	3	4	5	6	7	8	9	10	11
								RS.		
1	Krishnaswami Naynudu, B.	..	Bellary ..	Appointment ..	Sub-Overseer, 3rd grade.	Permanent ..	10th Nov. 1891.	..	*Vice* Samuel deceased.	
2	Rozario, D.	Clerk, 3rd class, 3rd grade.	..	Promotion ..	Clerk, 3rd class, 2nd grade.	Temporary rank.	11th Aug. ,,	..	*Vice* Mr. Jackson on leave.	
3	Raghava Charry, V. ..	Accountant, 5th grade, temporary rank.	..	Reversion ..	Clerk, 4th class, 3rd grade.	Permanent ..	1st Dec. ,,	..	Return of Mr. Ryan from leave.	
4	Govinda Rau, C.	Messenger on Rs. 8.	..	Reduction ..	..	..	1st Jan. 1892.	..	Inefficiency.	
5	David, S. B.	Anicut Superintendent.	..	Resignation ..	..	..	1st Dec. 1891.	..	To take up another appointment.	
6	Ramaswami, P.	Lascar ..	..	Dismissal ..	..	..	1st Oct. ,,	..	Overstay of leave.	
7	Venkata Rau, B. ..	Temporary clerk on Rs. 15.	..	Services dispensed with.	..	..	1st Aug. ,,	..	Return from leave of Mr. Xavier.	
8	Taylor, C. W.	Accountant, 5th grade.	Head office ..	Transfer ..	Accountant, 3rd grade, from Head office to Coorg.	Temporary rank. Public expense.	14th Sept. ,,	160	*Vice* Mr. Simpson on leave.	
9	Ellis, Captain W.M., R.E. ..	Assistant Engineer, 2nd grade.	Gudiváda ..	Posting* ..	..	..	10th Dec. ,,	..	..	
10	Shelley, Captain A.D.G., R.E.	Executive Engineer, 4th grade.	..	Leave	Three months ..	Privilege ..	1st Jan. 1892.	..	} C.S.R., art. 291.	
11	Nagappa Mudaliyar, P. ..	Messenger ..	..	Extension of leave ..	Ten days	Do. ..	5th Dec. 1891.	..		
12	Gopalakrishna Aiyar, S. ..	Executive Engineer, 4th grade.	..	Recall to duty ..	..	..	14th Oct. ,,	..	Pressure of work.	
13	DeMonte, E. A.	Storekeeper ..	..	Suspension ..	..	..	1st ,, ,,	5	Insubordination.	
14	Jackson, J. D.	Supervisor, 2nd grade.	..	Relief from suspension.	..	..	1st Jan. 1892.	..	Acquittal.	
15	Durlah Chatterjee, K. ..	Surveyor on Rs. 100.	..	Reinstatement ..	Surveyor on Rs. 60.	..	10th Oct. 1891.	..	..	
16	....	..	Negapatam ..	Miscellaneous ..	..	..	..	..	..	Entertainment of a temporary clerk and lascar under temporary Upper Subordinate —— ——sanctioned.

* This column may also be used for the purpose of showing the authorised sub-division to which posted to admit of sub-divisional allowance being passed.

Superintending Engineer,
Circle.

Note by the Chief Engineer, Public Works Department.

The Examiner's proposals are the result of personal discussion of the subject with myself and have my entire concurrence.

2. The object of the orders contained in G.O., No. 1724 W., of 11th June 1888, was that "prompt action might, when necessary, be taken by the Examiner," but, as a matter of fact, I cannot call to mind a single instance, nor could the Examiner quote one, in which action has been taken by him in consequence of this order in any degree more promptly than would have been the case without it. The only result has been that described in para. 3 of the Examiner's note.

3. The proposals made in para. 6 will meet all requirements, either financial or administrative, and I would recommend their adoption.

4. The conditions laid down in paras. 7 and 11 of the Examiner's note are, in my opinion, necessary and should be strictly observed, while the procedure proposed in para. 8 will enable the monthly return of sanctions under class B to be prepared with a minimum of labour and delay.

8th December 1891.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 14th December 1891, No. 3371 W., Public Works.

The proposals of the Examiner, which are concurred in by the Chief Engineer, are approved and sanctioned for adoption.

2. Attention is called to the conditions laid down in paras. 7 and 11 of the Examiner's note, which should be strictly observed.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Superintendent of Works, Periyár Project.
" Consulting Architect to Government.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

.. PUBLIC WORKS.

Dated December, 14th.

Recd. *Encl.*

G.O., 14th Dec. 1891, No. 3371 W.

DECEMBER.

Sanctions

Proposals of the Examiner, Public Works Accounts, that all — be communicated to him in future by means of monthly statements, approved and sanctioned for adoption.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers :—

From L. L. WICKHAM, Esq., General Superintendent, Public Works Stores, to the Superintending Engineer, V Circle, dated Madras, 4th December 1891, No. 1545 S.

I have the honour to submit an indent, in triplicate, on the Home Government for 240 rubbers required for the use of B ropeway saddles in the Periyár Project works, together with the original letter, No. 630 of the 17th November 1891, received from the Superintendent of Works, No. I Periyár division, for transmission to Government.

Enclosure.

From S. D. PEARS, Esq., Acting Superintendent of Works, No. I Periyár division, to the General Superintendent, Public Works Stores, dated 17th November 1891, No. 630 M.

In forwarding, with specimen, the accompanying indent for 240 rubbers required for the use of B ropeway saddles, I have the honour to state that they should be made of rubber specially prepared for India and to request that, if they are not obtainable in Madras, to get them from England as quickly as possible, as those in stock are rapidly wearing out and new ones are therefore *urgently* required.

No. 568 W.

Forwarded to the Chief Engineer, Public Works Department (through the Examiner of Public Works Accounts).

(Signed) D. McN. CAMPBELL, Major, R.E.,
Superintending Engineer, V Circle.

5th December 1891.

Office-note from the Examiner, Public Works Accounts, dated Madras, 10th December 1891, No. 7703/153.

The accompanying letter from the Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, No. 568 W., dated 5th December 1891, with an indent (No. 18 of 4th December 1891) for English stores, for transmission to the Secretary of State, is forwarded for necessary action.

2. I certify that funds to meet the estimated outlay in England in connection with this indent during the year 1891-92 have been provided by the Local Government to the extent of £26-8-0 in the estimate of the Public Works Department for that year.

ORDER—dated 15th December 1891, No. 3381 W., Public Works.

Ordered that the indent be forwarded to the Director-General of Stores for compliance.

(Here enter No. 3382 W., Public Works, dated 15th December 1891.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent of Works, No. I Periyár division.
„ Superintending Engineer, V Circle.
„ Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 15th.

Recd. *Encl.*

G.O., 15th Dec. 1891, No. 3381 W.

DECEMBER.

Indent

A special — for rubbers for the saddles of B wire ropeway required for the Periyár Project works ordered to be forwarded to the Director-General of Stores for compliance.

PUBLIC WORKS DEPARTMENT.

General.
Account.

LETTER—from

COLONEL J. PENNYCUICK, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE DIRECTOR-GENERAL OF STORES,
INDIA OFFICE,
LONDON.

SIR,

I am directed to forward, for favour of very early compliance, a special indent for rubbers for the saddles of B wire ropeway required for the Periyár Project works.

2. The necessary certificate by the Examiner of Public Works Accounts is embodied in the Proceedings of this Government forwarded herewith.

I have the honour to be,
Sir,
Your most obedient servant,

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
15th December 1891.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 15th.

Recd. *Encl.*

15th Dec. 1891, No. 3382 W.

DECEMBER.

Indent

Forwarding, for very early compliance, a special — for rubbers for the saddles of B wire ropeway required for the Periyár Project works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers :—

From Lieut.-Colonel R. R. E. Drake-Brockman, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 15th May 1891, No. 256 C.W.

Letter No 722 S.E., dated 20th March 1891, from the Executive Engineer, North Arcot division.
Letter. No. 127 M., dated 8th May 1891, from Superintending Engineer, V Circle.

In forwarding, herewith, copies of correspondence noted in the margin in regard to the returns now being rendered by the Executive Engineer, North Arcot division, to the officers of other departments, I have the honour to request you will be good enough to obtain the orders of Government as to whether their submission is to be continued or otherwise—

(1) Statement of yearly rainfall (sent to the Station Staff officer, Vellore).
(2) Statement of annual outlay on jail buildings (sent to Superintendent of Jail, Vellore).
(3) Statement of annual cost of establishment (sent to the Collector).
(4) Return of sanctioned estimates (sent to the Collector).

2. As regards the return of sanctioned estimate to the Collector, I think the Executive Engineer need only include works costing Rs. 500 and less.

Enclosures.

From Major C. C. Rawson, R.E., Executive Engineer, North Arcot division, to the Superintending Engineer, IV Circle, dated Vellore, 20th March 1891, No 722 S.E.

With reference to G.O., No. 412 W., of 14th February 1891, communicated with your endorsement No 92 C. of 6th instant, I have the honour to inform you that I reported to the Superintending Engineer, V Circle, in my letter No. 604 of 26th November 1889 that the following returns were supplied from this office to the officers of other departments, namely—

(1) Statement of yearly rainfall.
(2) Do. of annual outlay on jail buildings.
(3) Do of annual cost of establishment.
(4) Do. of tank restoration works completed up to end of September.

I cannot find from the statement appended to the Proceedings that any of the above returns have been shown, but that precisely similar returns (except return No. 1 above) submitted from other divisions (*vide* items 3, 9 and 25 have been entered and orders of Government in respect of them have been passed). I wish to know whether the orders passed in respect of such returns are held equally applicable to this division.

With regard to the orders contained in para. 5 of the Proceedings I should think it desirable that in the case of Executive Engineers who are vested with increased powers the return of sanctioned estimates to be submitted by them to Collector should be for works amounting to Rs. 500 and less and on this point I request you will move Government to pass their orders.

From Major D. McN. CAMPBELL, R.E., Superintending Engineer, V Circle, to the Superintending Engineer, IV Circle, dated Chepâk, 8th May 1891, No. 127 M.

With reference to your letter No. 161 M., dated 20th April 1891, I have the honour to state that, as will be seen from letter No. 604 S.E., dated 26th November 1889, from the Executive Engineer, North Arcot division, the information furnished by him yearly to the Station Staff officer, Vellore, the Superintendent, Central Jail, Vellore, and the Collector of North Arcot were not of the nature of returns but furnished to those officers upon their special requisition to the Executive Engineer; these were, therefore, not included in this office No. 6463 of 8th August 1890, but the return of tank restoration works was included (see item 18 in list which accompanied G.O., No. 1150 W., dated 19th April 1890).

Memo. No. 258 D.

The question whether the continued submission of the returns mentioned in the Superintending Engineer's letter is necessary will be referred for consideration to the departments concerned as follows:—

(1) Statement of yearly rainfall (sent to the Station Staff officer, Vellore) to the Military Department.

(2) Statement of annual outlay on jail buildings (sent to the Superintendent of the Jail, Vellore) to the Judicial Department.

(3) Statement of annual cost of establishment (sent to the Collector) to the Revenue Department.

(4) Return of sanctioned estimates (sent to the Collector) to the Revenue Department.

2. The question whether the return of sanctioned estimates for irrigation works alluded to in para. 5 of G.O., No. 412 W., dated 14th February 1891, should include works up to Rs. 500 in the case of Executive Engineers who have been vested with increased powers will also be referred to the Revenue Department.

(Signed) A. C. SMITH, Lieut.-Colonel, R.E.,
26th May 1891. Ag. Joint Secy. to Govt., P.W.D.

G.O., dated 3rd July 1891, No. 3694, Military.

Read—the following papers:—

From the Public Works Department, dated 26th May 1891, No. 258.

From the Quartermaster-General, dated 29th June 1891, No. 1480 M.W.

In returning the Reference Order No. 2998 of 29th ultimo with enclosure, I am desired to state that, as the "statement of yearly rainfall" now furnished to the Station Staff officer, Vellore, is no longer needed, it may in future be discontinued.

Order—dated 3rd July 1891, No. 3694, Military.

The reply of the Quartermaster-General communicated to the Public Works Department.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

G.O., dated 15th June 1891, No. 1157, Judicial.

Read—the following papers:—

Memorandum from the Public Works Department, dated 26th May 1891, No. 258 D.

Report from the Inspector-General of Jails, dated 8th June 1891, No. 209.

I have the honour to return your endorsement, dated 5th June 1891, and to state that in the annexure to G.O., No. 412 W., dated 14th February 1891, communicated with Judicial Department, R. No. 273, dated 9th March 1891, the submission of the statement of outlay on jail buildings is ordered to be continued. The information is essentially required to enable Superintendents of Jails to fill in column 20 of statement A of the appendices to the Jail Report.

2. I am not aware of any ruling under which the statement has been sent to the Judicial Department.

Order—dated 15th June 1891, No. 1157, Judicial.

The Inspector-General's letter will be communicated to the Public Works Department.

(True Extract.)

(Signed) J. F. PRICE,
Chief Secretary.

No. 478 D.

Please state whether this information could not more conveniently be sent from your office to the Inspector-General of Jails instead of each Executive Engineer supplying it to the local Jail Superintendent.

2. The return in question is shown as No. 2 on the annexure to G.O., No. 412 W., dated 14th February 1891.

30th June 1891. (Signed) A. C. SMITH, Lieut-Colonel, R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To the Examiner, Public Works Accounts.

Office-note from the Examiner, Public Works Accounts, dated 11th July 1891, No. 3927.

The information required by the Inspector-General of Jails is available in my office and can be furnished as soon as the accounts of each year are finally closed, that is about the 1st of August.

Office-note from the Examiner, Public Works Accounts, dated 30th October 1891, No. 6655.

If orders have been passed on my office-note No. 3927, dated 11th July 1891, will you please furnish me with a copy thereof.

2. I take this opportunity to point out that, according to item No. 3 of annexure to G.O., No. 412 W., dated 14th February 1891, the statement of outlay on jail buildings has heretofore apparently been submitted by the Superintending Engineer, I Circle, only while from your office-note No. 478 D., dated 30th June 1891, it would seem that the statement is furnished by every Executive Engineer.

ORDER—dated 17th December 1891, No. 3395 W., Public Works.

In his letter No. 256 E.W., dated 15th May 1891, above recorded, the Superintending Engineer, IV Circle, brought to notice that the undermentioned returns rendered by the Executive Engineer, North Arcot division, were not mentioned in

the statement printed with G.O., No. 412 W., dated 14th February 1891, and the question as to the necessity for their continued submission was referred to the departments concerned:—

(1) Statement of yearly rainfall.
(2) Statement of annual outlay on jail buildings.
(3) Statement of annual cost of establishment.
(4) Return of sanctioned estimates.

2. Item (1) being no longer required by the Station Staff officer, Vellore, will be discontinued.

3. Item (2) will be discontinued by all Executive Engineers who now furnish the information to local Superintendents of Jails, and in lieu a consolidated return for the Presidency will be rendered by the Examiner to the Inspector-General of Jails.

4. Orders in the Revenue Department with respect to item (3) are awaited. A similar return furnished to the Collector by the Executive Engineer, Cuddapah division, was discontinued under G.O., No. 412 W., dated 14th February 1891.

5. With regard to item (4), orders in the Revenue Department on the subject of para. 5 of G.O., No. 412 W., dated 14th February 1891, are awaited, as also on the question whether the proposed return of sanctioned estimates should include works up to Rs. 500.

6. Orders in the Revenue Department are also awaited with respect to the necessity for the continued submission of the undermentioned returns included in the list printed with G.O., No. 1150 W., dated 19th April 1890:—

Item No. 13—Statement of forest materials removed by the Public Works Department on the Nílgiris; furnished to the Forest officer, Ootacamund.

Item No. 23—Monthly schedule of Incorporated Local fund works furnished by the Executive Engineer, Madura division, to the Collector.

7. A copy of these Proceedings will be forwarded to the Government of India, for information, in continuation of this department endorsement No. 749 W., dated 14th March 1891.

(Here enter No. 3396 W., Public Works, dated 17th December 1891.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
„ the Chief Engineer for Irrigation.
„ the Examiner, Public Works Accounts.
„ the Judicial Department.
„ the Revenue „
„ the Military „

ENDORSEMENT—dated 17th December 1891, No. 3396 W., Public Works.

Forwarded.

(By Order.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 17th.

Recd. *Encl.*

G.O., 17th Dec. 1891, Nos. 3395, 3396 W.

DECEMBER.

Returns

Forwarding, for information, Proceedings of this Government regarding the necessity for the continued submission of certain — by Executive Engineers to officers of other departments.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper:—

From Lieut-Colonel R. R. E. DRAKE-BROCKMAN, R.E., Superintending Engineer, IV Circle, to the Chief Engineer for Irrigation, dated 5th December 1891, No. 262/E.I.

I have the honour to request you will be good enough to obtain the orders of Government under para. 1339 of the Public Works Code, authorizing this department to undertake the execution of constructing a flush weir and the reconstruction of a low level sluice of the Veerappanayuni Cheruvu. This is one of the tanks affecting the line of the Madras Railway situated within the limits of Kuppam zemindari.

2. The estimate of the work (Rs. 2,890) has been sanctioned by me and the Collector has recovered this amount with the usual percentage, viz., Rs. 708-0-10, for establishment and tools and plant and placed the amount at the disposal of this department.

No. 59 W.

Transferred to the Secretary to Government, Public Works Department, for disposal.

Chepâk,
11th December 1891.

(Signed) W. C. LEWIS,
for Chief Engineer for Irrigation.

Order—dated 17th December 1891, No. 3398 W., Public Works.

The execution of the work by the agency of the Public Works Department is sanctioned under para. 1339 of the Public Works Code.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
„ Superintending Engineer, IV Circle.
„ Examiner, Public Works Accounts.
„ Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt: of {1891} Madras.

PUBLIC WORKS.

Dated December, 17th.

Recd. *Encl.*

G.O., 17th Dec. 1891, No. 3398 W.

DECEMBER.

Veerappanayuni Cheruvu

Sanctioning the execution by the Public Works Department of the work of constructing a flush weir and the reconstruction of a low level sluice of the — in North Arcot district.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From A. S. RUSSELL, Esq., Executive Engineer, Buckingham Canal division, to the Superintending Engineer, II Circle, dated 14th November 1891, No. 1902.

With reference to your endorsement No. 295 B.C., dated 18th September 1891, on G.O., No. 2424 W., dated 9th September 1891, I have the honour to submit a revised statement showing the data for calculation of rents of buildings referred to therein.

ENCLOSURE.

STATEMENT giving data for calculation of rents of buildings in Buckingham Canal division.

Item number.	Item as in Examiner's list.	Name of building.	Official designation and salary of occupant.	Whether permanent or temporary.	Date of completion or purchase.	Capital cost. Cost of construction or purchase.	Capital cost. Establishment and tools and plant at 10 per cent. on amount in column 6.	Capital cost. Cost of site.	Capital cost. Total.	Four per cent. on capital cost (column 9)	Actual average cost of repairs (vide G.O., No. 1367 W., dated 22nd May 1889). Cost of repairs.	Actual average cost of repairs. Ten per cent. to establishment and tools and plant.	Actual average cost of repairs. Total.	Estimate cost of repairs when actual average is not taken.	Normal rent on basis of foregoing data. Annual 10 + 13 or 10 + 14.	Normal rent on basis of foregoing data. Monthly 15/12.	Normal rent on basis of foregoing data. Rent paid prior to September 1888.	Rent to be charged. Yearly.	Rent to be charged. Monthly.
1	1A	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
						RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS. A. P.	RS.	RS.
1	4	Superintendent's quarters including out-buildings at Armeghon light-house.*	Superintendent on Rs. 100.	P.	Prior to September 1888.	5,055	..	40	5,095	204	40	4	44	..	248	21	..	..	..
2	6	Superintendent's quarters including out-buildings at Pulicat light-house.*	Superintendent on Rs. 70.	P.	Prior to September 1888.	3,000	..	12	3,012	120	79	8	87	..	207	17	..	..	..
3	11	Temporary shed for the Municipal office at Shadayankuppam lock.	Licensing clerk of the Madras Municipality on Rs. 25.	T.	Prior to September 1888.	65	..	1	66	3	23	2	25	..	28	2	0 6 0	28	2
4	15	Portion of lascar shed at Adyár occupied by Municipal lascar.	Lascar of the Madras Municipality on Rs. 7.	P.	Prior to September 1888.	126	..	2	128	5	..	..	..	4	9	1	..	12	1
5	57	Shed for the Storekeeper at Madras basin.*	Wharf Superintendent on Rs. 50.	T.	Prior to September 1888.	† 315	..	143	458	18	..	..	..	19	37	3	..	..	..

* Occupied rent-free (*vide* G O., No. 1658 W., dated 10th June 1888).

† The capital cost shown includes the estimated cost of improvements now under execution.

14th November 1891.

(Signed) A. S. RUSSELL,
Ex. Engr., Buckingham Canal division.

No. 402 B.C.

Forwarded to the Chief Engineer, Public Works Department, with reference to G.O., No. 2424 W., dated 9th September 1891.

25th November 1891.

(Signed) J. HANNAN,
Superintending Engineer, II Circle.

Office-note from the Examiner, Public Works Accounts, dated Madras, 10th December 1891, No. 7711.

[Your office-note No. 5375 C. of 1st December 1891.]

The statement is herewith returned with the following remarks.

2. *Items* 1, 2 *and* 3.—No percentage charges on account of "establishment" and "tools and plant" (column 12) have been allowed for on repairs (column 11) in these cases. They should be as shown in block type on the statement.

3. *Items* 1 *and* 2.—The cost of repairs in these cases has been taken at less than 3 per cent. of the capital cost of the building. This, it is presumed, has been done by the Superintending Engineer with reference to Code para. 1041, rule 1 (2), note 1; by that he is fully satisfied that in a series of years the repairs can be carried out for less than 3 per cent. of the capital cost.

4. As all the buildings are stated to have been constructed prior to September 1888, no addition to the capital cost of item No. 5 need be made for establishment and tools and plant and the amount (Rs. 31) entered on this account in column 7 should be scored out and the statement corrected accordingly.

5. If the estimated cost of repairs (column 14) shown against item 5 was taken at 6 per cent. on capital cost, the amount should be Rs. 27, and not Rs. 16, as shown in statement.

ORDER—dated 17th December 1891, No. 3399 W., Public Works.

The statement, as corrected, is approved for adoption in the preparation of the Capital and Revenue accounts.

2. The cost of repairs in the cases of items (1) and (2) being the actual average cost is confirmed provisionally, but the rates of rent should be revised hereafter if the average is increased.

3. In the case of item (5) the estimated cost of repairs should be 6 per cent. on the cost of construction; the figure in column 14 should, therefore, be Rs. 19, not Rs. 27, as stated by the Examiner, or Rs. 16, as stated by the Superintending Engineer.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle.
„ Chief Engineer for Irrigation.
„ Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt: of {1891} Madras

PUBLIC WORKS.

Dated December, 17th.

Recd. *Encl.*

G.O., 17th Dec. 1891, No. 3399 W.

DECEMBER.

Rents

Statement giving data for calculation of — of buildings in the Buckingham Canal division as corrected by the Examiner of Public Works Accounts, approved for adoption.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

Proceedings of the Board of Revenue (Land Revenue), dated 7th September 1891, Mis. No. 6382.

MR. G. MCWATTERS.

Read—the following letter from E. S. LAFFAN, Esq., Acting Agent to the Governor, Vizagapatam district, to the Secretary to the Commissioners of Land Revenue, dated 18th August 1891, No. 1090 J.

Referring to Board's Proceedings, No. 5234, dated 24th July 1891, I have the honour to report that there are two buildings at Koraput, in which the Assistant Superintendent of Police, Jeypore, may reside. One is the travellers' bungalow. It contains three rooms. It has also stables and out-houses attached to it. It was built some ten years ago at a cost of Rs. 10,000 about. The Public Works Department officers, who hitherto occupied this bungalow, have built their own quarters and there is not much need for a travellers' bungalow at present.

2. The second building is that constructed by the Schleswig Holstien Mission a few years ago. I understand that the Assistant Superintendent of Police at present lives in one of the rooms of this bungalow which is spacious enough. The mission can probably be induced to sell it to Government for a price between Rs. 6,000 and 7,000.

Resolution—dated 7th September 1891, Mis. No. 6382.

Submitted to Government with reference to para. 1 of G.O., dated 11th July 1891, No. 1379, Judicial. Now that the Revenue officers have quarters of their own, a travellers' bungalow cannot be said to be required at Koraput. The Board, therefore, recommends that the Assistant Superintendent of Police be accommodated therein in preference to purchasing quarters from the Schleswig Holstien Mission.

(A true Copy and Extract.)

(Signed) H. A. SIM,
Acting Secretary.

Referred to the Inspector-General of Police for remarks.

(By Order.)

OOTACAMUND,
11th September 1891.

(Signed) A. BUTTERWORTH,
Acting Under-Secretary.

From Colonel C. A. PORTEOUS, Inspector-General of Police, to the Chief Secretary to Government, dated Bellary, 3rd December 1891, No. 6962.

With reference to your endorsement C. No. 4084, dated 11th September 1891, on Proceedings of the Board of Revenue (Land Revenue), dated 7th September 1891, Mis. No. 6382, on the subject of utilizing the travellers' bungalow at Koraput as a residence for the Assistant Superintendent of Police, I have the honour to submit copy of letter * from the Superintendent of Police, Jeypore, through the Deputy Inspector-General, Northern Range, from which it will be seen that both these officers consider the accommodation insufficient, while the latter is also of opinion that the situation is bad. From a personal knowledge of the building, I fully concur with the Deputy Inspector-General and strongly deprecate this badly situated bungalow in a notoriously unhealthy climate being converted into a permanent residence for the Assistant Superintendent of Police. If the Schleswig Holstien Mission be willing to sell, I would suggest the purchase of their well situated bungalow for the Assistant; if not, I would recommend that officer being allowed for the present to make his own arrangements.

* No. 430, dated 30th October 1891.

ENCLOSURE.

From H. F. WILKIESON, Esq., Superintendent of Police, Jeypore, to the Assistant Inspector-General of Police (through the Deputy Inspector-General of Police, Northern Range), dated Dongara, 30th October 1891, No. 430.

Referring to your endorsement No. 5647 of the 24th ultimo on letter No. 1090-J. of 18th August 1891 from the Agent to the Governor, Vizagapatam district, to the Secretary to the Commissioners of Land Revenue, Madras, I have the honour to state that, in the opinion of the Assistant Superintendent, the present travellers' bungalow is totally unfit for the permanent quarters of any officer and that he earnestly deprecates its being taken over as quarters for the Assistant Superintendent.

2. My own knowledge of the bungalow is confined to a distant view of it. It certainly is a very small building for permanent quarters and the godown accommodation is very limited. The Assistant Superintendent has rented quarters in the mission house, where, I think, he is much more comfortable than he ever could be in the travellers' bungalow.

I know the travellers' bungalow at Koraput and think it is quite unsuited for a permanent residence of any kind; the accommodation is bad and so is the situation; there are no stabling and no godowns worthy of the name.

2. I would not recommend the Assistant Superintendent being located in it at all.

RAJAHMUNDRY,
15th November 1891.

(Signed) A. T. ROLLAND, Colonel,
Deputy Inspector-General.

Transferred to the Public Works Department.

9th December 1891.

(Signed) A. BUTTERWORTH,
Acting Under-Secretary.

Order—dated 17th December 1891, No. 3400 W., Public Works.

The Superintending Engineer will arrange for submission of a ground plan of the travellers' bungalow at Koraput, on which all out-houses should be shown.

2. No steps will, at present, be taken for the acquisition of the Schleswig Holstien Mission building.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 17th.

Recd. *Encl.*

G.O., 17th Dec. 1891, No. 3400 W.

DECEMBER.

Travellers' Bungalow at Koraput

The Superintending Engineer, I Circle, directed to submit the ground plan of the — showing all the out-houses, and directing that no steps be taken for the present regarding the acquisition of the Schleswig Holstien Mission building.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

Office-note from the Examiner, Public Works Accounts, dated Madras, 14th December 1891, No. 7776.

Submitted for favour of early sanction of Government to the issue of the accompanying circular letter to Executive Engineers, authorizing the discontinuance of certain forms of procedure in the accounts of divisional offices with effect from 1st January 1892.

2. The objections raised by Executive Engineers to the present procedure under I, II, III and IV will be found in the letters herewith forwarded in original (to be returned). They are most practical objections and I may say that the procedure complained of is peculiar to this province.

3. The rule under V is nowhere else laid down or observed and I believe the Chief Engineer is one with me in the opinion that it unduly fetters Executive Engineers in the execution of work.

4. VI is a most troublesome task to Superintending and Executive Engineers which is not required under the Civil Service Regulations.

5. What is tantamount to an "annual verification of service books" is ordered to be done in the *Examiner's* office in connection with certain detailed annual statements of establishment that are received from each Superintending Engineer and Executive Engineer for each official year.

6. When the Government of India Code is introduced, the rules here brought to notice will disappear; but, in view to relieving divisional offices of unnecessary burdens at once, I would strongly recommend that the proposals herewith submitted be brought into effect from 1st January 1892.

ENCLOSURE.

From I. S. SHERLOCK-HUBBARD, Esq., Officiating Examiner, Public Works Accounts, to all Executive Engineers, dated Madras, 14th December 1891, No. 7775.

Under the orders of Government, as contained in G.O., No. 3405 W., dated 17th December 1891, the following changes of procedure should be observed with effect from 1st January 1892 :—

I. The second cash-book ordered in appendix Z, para. 2, should be discontinued and all transactions should be recorded in one cash-book under the respective columns, "cash" and "bank or treasury."

II. Cheques should be entered in the cash-book as paid on the dates on which they are drawn without waiting until they are finally made over to the payee as ordered in para. 1744-A.

(i) This will of course dispense with the register (form No. M. 3-A) prescribed in para. 1744-B.

III. The prohibition in para. 1603-A against the receipt in cash of dues to Government is removed.

IV. Orders for payment of contractors' and other bills should be recorded on the bills themselves, without the use of the form of pay-order, in trefoil, prescribed in appendix Z, para. 10.

V. The restriction imposed in para. 1344-A against getting certain descriptions of work done by piece-work is removed, and it is left to Executive Engineers to get any kind of work done either by piece-work or by contract at their own discretion.

VI. The annual verification of service books, as laid down in para. 864, is countermanded. All that is necessary in connection with these books is—

(i) That every event in a man's service is recorded in his service book *at the time of its occurrence.*

(ii) That every entry is attested, as soon as *it is made*, by the head of the office.

(iii) That the annual detailed statements of establishments as on the 1st April of each year, which are now rendered to the Examiner, are proved by comparison with entries in service books.

Note by the Chief Engineer, Public Works Department.

I concur in the Examiner's proposals as regards items I, III, IV, V and VI.

2. The maintenance of a second cash-book is sheer waste of stationery and space.

3. Para. 1344-A is at present practically a dead letter, as it is inconceivable that the Chief Engineer should refuse his sanction to the execution as "piece-work" of any work which a Superintending Engineer recommended for execution in this manner. The selection of the agency by which work is executed should be usually left to the Executive Engineer, subject only to the general control of the Superintending Engineer, for which no special rules are required.

4. I am not able to concur in proposal II; it is desirable that a record should be maintained of all cheques not actually handed to the payee, and if the rules contained in para. 1744-A—C, or something equivalent to them, are not contained in the Government of India Code, it will be a question whether they should not be introduced.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

14th December 1891.

Order—dated 17th December 1891, No. 3405 W., Public Works.

His Excellency the Governor in Council approves of the Examiner's proposals as regards items I, III, IV and V.

2. As regards item II, His Excellency the Governor in Council agrees with the Chief Engineer that it is desirable that a record should be maintained of all cheques not actually handed to the payee. The existing practice in this respect will accordingly be maintained, and the Examiner will explain how far the rules of the Government of India Code accord with the procedure prevailing in this Presidency.

3. The annual verification of service registers dealt with under item VI is a useful measure prescribed by the Pension Department for certain purposes which must be provided for in the Public Works Department as well as other departments. The Examiner will accordingly explain his proposals fully and submit forms to illustrate the desired amount of verification. The matter will thereupon be referred to the Pension Department for consideration.

4. Subject to these modifications the proposed circular can be issued by the Examiner.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Examiner, Public Works Accounts.
" Pension Department.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 17th.

Recd. *Encl.*

G.O., 17th Dec. 1891, No. 3405 W.

DECEMBER.

Accounts of Divisional Offices

Orders on proposals of the Examiner, Public Works Accounts, regarding the discontinuance of certain forms of procedure in the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers :—

From H. IRWIN, Esq., C.I.E., Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepâk, 11th December 1891, No. 3405.

With reference to your memo. No. 5155 C., dated 19th November 1891, I have the honour to inquire whether the charges incurred on account of the establishment employed under Mr. E. Cousins together with any incidental charges appertaining thereto, such as labour and materials for survey purposes, should be disbursed in this division and adjusted in my accounts or debited to miscellaneous advances pending the settlement of the final allocation of such charges.

From L. L. WICKHAM, Esq., General Superintendent, Public Works Stores, to the Deputy Chief Engineer, Public Works Department, dated Madras, 11th December 1891, No. 1599 S.

With reference to your office-note No. 5207 C., dated 21st November 1891, I have the honour to inquire to what service head and to what division the values of instruments supplied to Mr. E. Cousins in compliance with above letter are to be charged.

Order—dated 18th December 1891, No. 3414 W., Public Works.

The charges will be debited to "Miscellaneous advances" pending final adjustment under orders in the Financial Department.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Financial Department.

GENERAL.
ACCOUNT.

Govt. of {1891} Madras.

.. PUBLIC WORKS.

Dated December, 18*th*.

Recd. *Encl.*

G.O., 18th Dec. 1891, No. 3414 W.

DECEMBER.

Establishment employed under Mr. Cousins

Directing that charges incurred on account of the — be debited to "Miscellaneous advances" pending final adjustment under orders in the Financial Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From Major D. McNEIL CAMPBELL, R E, Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 30th November 1891, No. 554 W.

With reference to G.O., No. 3389 W., dated 19th December 1890, I have the honour to forward, for approval, data statements for calculation of rents of buildings in Tanjore and Negapatam divisions. The values of the sites entered in the statements are those as obtained from the Collector.

2. In the statement of Tanjore division, items 2 and 3 are buildings occupied as residence by a Superintendent and an Assistant Superintendent on the Irrigation Conservancy establishment, whose pay is Rs. 90 and Rs. 25 and who pay a monthly rent for the building of Rs. 5 and Rs. 2, respectively, and I request, with reference to rule VI of Code para. 1041, that orders may be passed as to the amount of rent to be recovered from these men. Item 1 in this statement is an old building believed to have been built in 1679 by the Danish Government. The Executive Engineer considers that it should be sold or dismantled as a watchman has to be kept for it, whilst there is no likelihood of its ever being required for any purpose.

ENCLOSURES.

STATEMENT giving data for calculation of rents of buildings in Negapatam division.

Item number.	Name of buildings.	Official designation and salary of occupant.	Whether permanent or temporary (P. or T.).	Date of completion or purchase.	CAPITAL COST. Cost of construction or purchase.	CAPITAL COST. Establishment and T. and P. at 10 per cent. on account in (6).	CAPITAL COST. Cost of site.	CAPITAL COST. Total.	Four per cent. on capital cost (9).	ACTUAL AVERAGE COST OF REPAIRS (*vide* G.O., No. 1367 W., DATED 22ND MAY 1889). Cost of repairs.	ACTUAL AVERAGE COST OF REPAIRS. Ten per cent. to establishment and T. and P.	ACTUAL AVERAGE COST OF REPAIRS. Total.	Estimate cost of repairs when actual average is not taken.	NORMAL RATE OF RENT ON BASIS OF FOREGOING DATA. Annual 10 + 13 or 10 + 14.	NORMAL RATE OF RENT. Monthly $\frac{1}{12}$ of 15.	Rent paid prior to 7th September 1888.	RENT TO BE CHARGED. Yearly.	RENT TO BE CHARGED. Monthly.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Provincial buildings.				RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
1	Executive Engineer's bungalow at Negapatam.	C. H. T. Norfor, Esq., Executive Engineer.	P.	1869	12,018	1,202	530	13,750	550	46	5	51	..	601	50 $\frac{1}{12}$	51	601	50$\frac{1}{12}$	..
2	Sub-divisional officer's bungalow at Tirutu-raipúndi.	M. R. Ry. R. Gopala Iyer Avergal, Assistant Engineer.	P.	20 $\frac{8}{90}$	5,630	563	302	6,495	260	..	..	..	169	429	37	..	429	37	..

10th November 1891.

(Signed) G. B. LAMBERT,
Executive Engineer.

STATEMENT giving data for calculation of rents of buildings in Tanjore division.

Item number.	Name of buildings.	Official designation and salary of occupant.	Whether permanent or temporary (P. or T.).	Date of completion or purchase.	Capital cost. Cost of construction or purchase.	Capital cost. Establishment and T. and P. at 10 per cent. on account in (6).	Capital cost. Cost of site.	Capital cost. Total.	Four per cent. on capital cost (9).	Actual average cost of repairs (*vide* G.O., No. 1367 W., dated 22nd May 1889). Cost of repairs.	Actual average cost of repairs. Ten per cent. to establishment and T. and P.	Actual average cost of repairs. Total.	Estimate cost of repairs when actual average is not taken.	Normal rate of rent on basis of foregoing data. Annual 10 + 13 or 10 + 14.	Normal rate of rent on basis of foregoing data. Monthly $\frac{1}{12}$ of 15.	Rent paid prior to 7th September 1888.	Rent to be charged. Yearly.	Rent to be charged. Monthly.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Provincial buildings.				RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	
1	Jail buildings at Tranquebar.	Unoccupied ..	P.	1679	1,000	..	Not known.	1,000	40	..	..	..	30	70	6	Not rented.	72	6	Purchased from the Danish Government; amount is estimated cost of construction.
	Irrigation buildings.																		
2	Plank shed at Grand Anicut.	Superintendent on Rs. 90.	P.	Before 7th September 1888.	500	50	86	636	25	26	3	29	..	54	5 }	Not rented prior to 7th Sept. 1888.	}	$4\frac{1}{2}$	Rent now paid Rs. 5.
3	Assistant Superintendent's quarters at Grand Anicut	Assistant Superintendent on Rs. 25.	P.	1887 ..	185	19	26	230	9	10	1	11	..	20	2 }			$1\frac{1}{4}$	Rent now paid Rs. 2.

The valuations entered in column 8 against items 2 and 3 were obtained from the Collector.

10th August 1891.

(Signed) C. B. HENDERSON, Major, R.E.,
Executive Engineer.

Office-note from the Examiner, Public Works Accounts, dated Madras, 14th December 1891, No. 7805.

The only point that calls for any remark is the figure given for the average cost of repairs against item No. 1 in the data statement relating to the Negapatam division.

2. Although, under Code para. 1041, rule 1 (2) note, this cost may, under certain conditions, be taken at less than 3 per cent. on the capital cost of a building, yet the figure adopted by the Superintending Engineer seems so very low, viz., about $\frac{1}{3}$ per cent. on capital cost, that I think it desirable to bring the matter to your notice.

ORDER—dated 18th December 1891, No. 3430 W., Public Works.

The statements submitted by the Superintending Engineer, V Circle, are approved with the following remarks.

2. The amount entered for repairs in the case of the Executive Engineer's quarters at Negapatam is very low, but, as it is stated to be the actual average cost, the proposed rate of rent is confirmed provisionally. If the average is increased hereafter the rent must be revised.

3. The estimated cost of repairs in the case of the Sub-divisional officer's quarters at Tiruturaipúndi should be taken at 3 per cent. on the cost of construction. The figure will therefore be Rs. 169, not Rs. 195, and the rent to be charged will be Rs. 37 instead of Rs. 38 per mensem. The statement will be corrected accordingly.

4. As the jail buildings at Tranquebar are not likely to be again occupied as quarters, they should not be included in the capital and revenue accounts. The Superintending Engineer will ascertain, in communication with local heads of departments, whether they are required for any public purpose, and, on the result being reported, the question of their demolition will be considered.

5. The Irrigation Conservancy Superintendent and Assistant Superintendent occupying Government buildings at the Grand Anicut will be charged rent at 5 per cent. of their salaries.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 18th.

Recd. *Encl.*

G.O., 18th Dec. 1891, No. 3430 W.

DECEMBER.

Rents

Statements giving data for calculation of — of buildings in the Tanjore and Negapatam divisions, approved with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper :—

G.O., dated 10th December 1891, No. 1311, Financial.

Read—the following papers :—

Memorandum from the Public Works Department, dated 24th November 1891, No. 5280 C.

Letter from the Presidency Port officer, dated Madras, 4th December 1891, No. 1281/146 G.

I have the honour to return, herewith, Marine Department Reference, dated 26th November 1891, on current No. 1255 and to submit the remarks in the accompanying statement with reference to the grants applied for by the Public Works Department from Port funds for works to be carried out in the official year 1892–93.

Enclosure.

Division.	Particulars.	Grants proposed by Public Works Department.	Grants proposed for 1892–93 by Presidency Port officer.	Presidency Port officer's remarks.
	Minor Works.	RS.	RS.	
Ganjam ..	Miscellaneous public improvements.	500	....	Details required to decide whether cost of these works is debitable to Port funds and if any of them should be carried out in 1892–93.
West Coast ..	Do. Constructing houses for 3 light-keepers.	1,480	1,480	Estimate of Rs. 1,480 for quarters for the Mangalore light-keepers has been received by the Presidency Port officer and is awaiting submission to Government pending Collector's sanction to appropriation of the ground required.
Do. ..	Do. (Providing boundary stones for the Port land limit, Mangalore).	300	....	Grants may be deferred pending Presidency Port officer's report on G.O., Marine, No. 279, dated 26th June 1891. This report will be submitted on receipt of replies complete from the Superintending Engineers of the different Coast circles to whom a reference has been made.
Do. ..	Do. do. Calicut ..	500	....	
Do. ..	Do. do. Tellichery ..	200	....	
Do. ..	Do. do. Cannanore ..	300	....	
Do. ..	Do. do. Cochin ..	400	....	
Do. ..	Do. (Fitting an iron spiral staircase for the light-house at Cochin).	500	500	The estimate has not yet been received by the Presidency Port officer. The grant may, however, be made for 1892–93 in view of the necessity for the work as recommended by Mr. Douglass.
Do. ..	Do. (Constructing store room to the light-house).	1,200	....	Details required. The estimate has not been received by the Presidency Port officer.

Division.	Particulars.	Grants proposed by Public Works Department.	Grants proposed for 1892–93 by Presidency Port officer.	Presidency Port officer's remarks.
	Repairs.			
Ganjam ..	Miscellaneous public improvements.	100	....	Details required to decide whether the cost of these works is debitable to Port funds and if any of them should be executed in 1892–93.
Godávari Eastern.	Civil buildings (repairs) to the Marine Villa, Cocanada.	200	200	....
West Coast ..	Miscellaneous public improvements.	600	....	Details required to decide whether the cost of these works is debitable to Port funds and if any of them should be executed in 1892–93.
Negapatam ..	Do. (Repairing jetty at Negapatam).	200	200	....
	Miscellaneous Public Improvements.			
West Coast ..	Constructing a boat quay at Coondapoor.	5,000	....	Grants to be deferred pending the result of the proposal to introduce Act III of 1885 to meet the cost of these improvements. The South Canara District Port fund had only a surplus of Rs. 33,293–3–4 to its credit on 31st March 1891 and these works cost more than can fairly be charged against that surplus. See G.Os., Marine, No. 379 of 26th August 1889 and No. 438 dated 15th October 1889.
Do. ..	Do. do. at Malpe ..	2,000	....	
Do. ..	Improvements to the Mangalore Harbour consisting of extension of Bunder quay to Marine yard.	10,000	....	Grants to be deferred until the mercantile community are prepared to consent to the introduction of Act III of 1885 to meet the cost of such expensive improvements which cannot fairly be charged to the District Port fund.
Negapatam ..	Constructing a causeway and pier at Adirámpatnam.	10,000	....	The Tanjore District Port fund showed a *deficit* of Rs. 25,622–1–1 on 31st March 1891. Government will not make any contribution from Provincial funds for improvements at Adirámpatnam (G.O., Marine, No. 22 of 27th January 1890). The merchants there have been informed that they must find the money if they want the causeway and pier.

Order—dated 10th December 1891, No. 1311, Financial.

Communicated to the Public Works Department.

2. The Presidency Port officer's letter shows that it is premature to include any items in the budget except the second in the list of *minor works*. It is hardly worth while preparing a budget for a single work.

(True Extract.)

(Signed) N. S. BRODIE,
Ag. Assistant Secretary.

ORDER—dated 18th December 1891, No. 3431 W., Public Works.

Communicated to Superintending Engineers concerned for information.

2. In the circumstances stated in para. 2 of the Proceedings above recorded, the works under Excluded Local proposed by Superintending Engineers for execution

during 1892–93 will not be budgeted for. The grants required under that head should be applied for next official year as the necessity for each work arises.

3. Applications for lump sum grants under Excluded Local should in future contain details of the works proposed.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" " " IV "
" " " V "
" Examiner, Public Works Accounts.

IRRIGATION.
ACCOUNT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 18*th*.

Recd. *Encl.*

G.O., 18th Dec. 1891, No. 3431 W.

DECEMBER.

Funds

Proceedings in the Financial Department regarding grants applied for by the Public Works Department from Port funds for works to be carried out in 1892–93, communicated to Superintending Engineers concerned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following paper :—

From G. H. D. WALKER, Esq., Under-Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Calcutta, 1st December 1891, No. 3060 G.

In continuation of Public Works Department letter No. 2382 G., dated the 10th September last, I am directed to inform you that the Secretary of State has been pleased to sanction, as a special case, the proposal of the Madras Government that Mr. Chatterton, the Professor of Engineering at the Madras College of Civil Engineering, should be attached to the Public Works Department for a period of two years from November 1891 for the purpose of acquiring practical experience of large works and that an officer of the Public Works Department should be transferred to replace Mr. Chatterton during his absence from the college.

2. His Lordship also approves of the additional expenditure which will be involved in the grant of the Presidency allowances of his rank to the Public Works officer who will take Mr. Chatterton's place in the college.

ORDER—dated 18th December 1891, No. 3432 W., Public Works.

Communicated to the Educational Department in continuation of G.O., No. 2561 W., dated 23rd September 1891; also to the Examiner, Public Works Accounts, with reference to G.O., No. 1666 W., dated 20th June 1891.

2. The proposals submitted to the Government of India and now sanctioned by the Secretary of State are as follows :—Mr. Chatterton, while in the Public Works Department, will be employed as an Assistant Engineer, but will continue to draw from the Educational Department the pay of his present appointment *plus* any increments which may fall due during his delegation, in addition to the travelling allowances admissible under the Public Works Code. The officer of the Public Works Department to be attached to the College of Engineering will draw from the Public Works Department the pay of his grade with the Presidency allowance of his rank and will be entitled to such promotion, permanent or temporary, as would fall to him were he still in the department

3. Orders will now issue in the Educational Department, placing the services of Mr. Chatterton at the disposal of the Public Works Department, and he will be directed on relief to report himself to the Superintending Engineer, II Circle, for duty in the Kistna Eastern division, to which he will be attached in the first instance.

4. The pay and allowances of the officer of the Public Works Department to be selected by His Excellency the Governor in Council for duty in the College of Engineering will be disbursed by the Examiner, Public Works Accounts, and debited to the division in which Mr. Chatterton is employed.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Educational Department.
„ Examiner, Public Works Accounts.
„ Superintending Engineer, II Circle.
„ Chief Engineer for Irrigation.

GENERAL.
ESTABLISHMENT.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 18th.

Recd. *Encl.*

G.O., 18th Dec. 1891, No. 3432 W.

DECEMBER.

Mr. Chatterton, Professor of Engineering in the Madras College of Engineering

Orders of the Government of India on the proposal to attach — to the Public Works Department for a period of two years for the purpose of acquiring practical experience, communicated to the Educational Department with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From Conductor R. A. Bragg, Sub-divisional officer, Nílgiri Sub-division, to the Executive Engineer, Coimbatore division, dated 7th December 1891, No. 1145.

I have the honour to report that I have this day (5th December) ordered the new ghât road between Burliár and Kullár to be opened for wheel traffic as the 27-feet bridge is all but finished. Only tarring to hand rails and finishing off of the parapets of the wings remain to be completed. Fourteen feet bridge will be ready next week. I hope, at present, the steel girders and joists are in position. Hand rails are being fixed, only flooring and parapets to wings remain to be completed. Twelve feet bridge, I have got this cleared and the diversion made. I find that one of the abutments is perfectly sound, so I have ordered only one to be built; this will be commenced in a day or two. Revetment in $\frac{23}{3}$ has been built up to 15 feet in height. Work is being pushed on as fast as possible. Burliár temporary bridge is completed and has been in use some days.

2. There is still a lot of work to be done in clearing the road of land slips between Burliár and Kullár; these are being attended to.

3. *Kullar dam* *—Retaining wall finished, apron being laid; piers for foot bridge being built and materials for platform are being collected; metal being spread on the left approach; metal for right approach is ready; roadway across bed of river being finished; anicut made and part of the water diverted from left to right side of the river. I hope to have this work finished by the 10th or 12th instant.

* This had suffered considerable damage from a recent fresh.

No. 6979.

Copy to the Superintending Engineer for communication to the Chief Engineer. The rapidity with which the bridges between Burliár and Kullár have been replaced is most creditable to Conductor Bragg.

(Signed) J. C. LARMINIE,
Executive Engineer, Coimbatore division.

9th December 1891.

No. 469 W.

Copy submitted to the Chief Engineer, Public Works Department, for information.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Superintending Engineer, IV Circle.

14th December 1891.

Note by the Chief Engineer, Public Works Department.

Submitted for the information of Government.

2. The undersigned considers that the highest credit is due to Mr. Larminie and Sub-Conductor Bragg for the rapidity with which communication has been restored.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

17th December 1891.

Order—dated 19th December 1891, No. 3433 W., Public Works.

Recorded.

2. His Excellency the Governor in Council notices with approval the good service rendered by Mr. Larminie and Sub-Conductor Bragg in the restoration of the Coonoor ghât for traffic.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Local and Municipal Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 19th.

Recd. *Encl.*

G.O., 19th Dec. 1891, No. 3433 W.

DECEMBER.

New Ghat Road between Burliar and Kullar

Report of the opening of the — for wheeled traffic, recorded, and Mr. Larminie and Sub-Conductor Bragg commended for the rapidity with which they have restored the communication.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

Proceedings of the Board of Revenue (Land Revenue), dated 2nd December 1891, Mis. No. 8558.

Read—the following papers :—

G.O., dated 11th September 1891, No. 4879, Revenue.

Reference thereon, dated 22nd September 1891.

Forwarded accordingly.

Letter from the Collector of South Canara, dated 19th November 1891, No. 4479.

In returning the enclosure of the Board's Reference No. 2425 of 1891 (Land Revenue) on G.O., dated 11th September 1891, No. 4879, Revenue Department, I have the honour to state that, having made due inquiries as to whether the old taluk cutcherry building at Uppinangadi can be utilized for any public purpose connected with the district, it appears that it is not required by any department and the same may therefore be dismantled and its materials sold.

Resolution—dated 2nd December 1891, Mis. No. 8558.

Submitted to Government with reference to G.O., dated 11th September 1891, No. 4879.

(A true Copy and Extract.)

(Signed) W. S. MEYER,
for Acting Secretary.

No. 6289, Revenue.

Transferred to the Public Works Department with reference to its endorsement, dated 1st September 1891, No. 785 D.

Fort St. George,
9th December 1891.

(Signed) R. C. C. CARR,
Acting Under-Secretary.

ORDER—dated 19th December 1891, No. 3440 W., Public Works.

If the site is not wanted for any purpose, it should be sold with the building and the expense of dismantling saved. In this case the sale will be conducted by the Revenue authorities in accordance with para. 2 of G.O., No. 1400 W., dated 27th May 1889.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 19th.

Recd. *Encl.*

G.O., 19th Dec. 1891, No. 3440 W.

DECEMBER.

Old Taluk Cutcherry at Uppinangadi, South Canara District

Orders regarding the sale of the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

Petition from the Roman Catholic Priest, Arni, dated 1st May 1891.
Endorsement by the Private Secretary to H. E. the Governor, dated 6th May 1891.

Endorsement in the Ecclesiastical Department, dated 14th May 1891.

Abstract.—Transferring a letter from the Catholic priest of Arni, bringing to notice the state of cemetery at and church near the Arni fort, and suggesting that those may be enclosed by a wall and repairs effected.

From Major C. C. RAWSON, R.E., Executive Engineer, North Arcot division, to the Superintending Engineer, IV Circle, dated 26th August 1891, No. 378 S.E.

With reference to your No. 418 N.A., dated 26th May 1891, on No. 2574 C., dated 20th May 1891, from Secretary to Government, Public Works Department, forwarding a petition from the Roman Catholic priest of Arni to His Excellency the Governor (herewith returned.)

2. I have the honour to forward, herewith, two estimates, one for Rs. 400 for building a wall round the Roman Catholic cemetery at Arni, the other for Rs. 290 for repairs to the Roman Catholic church at the same place.

3. There are 10 tombs in the cemetery of soldiers and non-commissioned officers belonging to the old garrison of Arni; 3 of these tombs have inscriptions on them and there is in the church a slab bearing an inscription which belongs to another of the graves. The ground in which these tombs are situated is said to have been consecrated. I do not think that there can be any doubt but that these graves of English soldiers should be walled in and protected from desecration.

4. The church was built in 1844; the accounts are not complete, but they clearly show that in that year Rs. 1,100 or thereabouts was expended on the church, of which Rs. 651 was subscribed by Her Majesty's 57th Regiment.

5. It is evident that the church was designed to hold a much larger congregation than it is ever likely to hold again to meet the wants of the garrison of Arni and that it was built chiefly by subscriptions from British soldiers. The church now is in a nearly ruinous state, and, being so large a building, the cost of doing even the most necessary repair is far beyond the means of the present small congregation.

6. Taking into consideration the history of the building, I think that Government might well be asked to grant, as a special case, Rs. 300 towards its repair.

No. 450 W.

Copy forwarded to the Chief Engineer, Public Works Department, with reference to his endorsement No. 2574 C., dated 20th May 1891. Before the present building is repaired, it is thought that the advisability of retaining such a large building should, in the circumstance of a reduced congregation, brought to notice by the Executive Engineer, be taken into consideration. The length of the building at the west end may well be shortened, as Government having now taken up the repairs of the church it will be an ever recurring item of expenditure in this direction.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
29th August 1891. Superintending Engineer, IV Circle.

Office-note from the Examiner, Public Works Accounts, dated 29th September 1891, No. 5889.

Under rule XXIII of section I, appendix D, page 29, of Madras Public Works Code, it would appear that it is the intention of Government to provide for the protection and preservation of the graves of soldiers. Accordingly there appears to be no objection to the proposed grant for "constructing wall around the Roman Catholic cemetery at Arni."

2. As regards the repairs to the church, they can be undertaken by this department provided the church is the property of Government (*vide* rules XXVI and XXVII, section IV, page 44, of the same appendix); but this does not appear to be the case.

ORDER—dated 19th December 1891, No. 3442 W., Public Works.

The estimate, amounting to Rs. 400, for enclosing the Roman Catholic cemetery at Arni is approved and returned to the Superintending Engineer, IV Circle, for sanction and early execution.

2. The estimate of Rs. 290 for repairs to the church does not fall within the rules and cannot be sanctioned.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with six enclosures.
,, Examiner, Public Works Accounts.
,, Ecclesiastical Department.

BUILDINGS AND ROADS.
. CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated December, 19th.

Recd. *Encl.*

G.O., 19th Dec. 1891, No. 3442 W.

DECEMBER.

Roman Catholic Cemetery at Arni

Estimate of Rs. 400 for enclosing the — approved and returned to the Superintending Engineer, IV Circle, for sanction and early execution.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

TABULAR STATEMENT OF MISCELLANEOUS PROCEEDINGS AND MATTERS OF ROUTINE,

BUILDINGS AND ROADS,

FOR THE MONTH OF DECEMBER 1891.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Rent.—The charge for — of buildings occupied by the detachment of the 1st Madras Pioneers at Tuticorin temporarily transferred to that station, ordered to be debited to "Repairs, Military."	1st Dec. 1891, No. 3209 W.	21st Aug. 1891, No. 742 D. 24th Sept. 1891, No. 2569 W.
Funds.—Rs. 1,200 allotted for the Kurnool division under Provincial Civil Buildings, Minor Works from the Provincial Reserve.	1st do. do. No. 3210 W.	......
Quarters for the Sergeant Instructor, Madras Railway Volunteers.—The plan and estimate for constructing — returned to the Superintending Engineer, IV Circle, for execution when funds can be made available.	1st do. do. No. 3211 W.	3rd Feb. 1891, No. 315 W. 16th April 1891, No. 1050 W. 6th July 1891, No. 1836 W. 6th Oct. 1891, No. 2674 W. 17th Nov. 1891, No. 5102 C.
The Government of India addressed to provide a special allotment for the work either in the current or ensuing financial year.	1st do. do. No. 3212 W.	......
Conservancy Establishment.—Office-note from the Examiner, Public Works Accounts, stating that the services of the men employed on the —, in Tottiyam-Chinnavoikal channel and which has now been transferred to the Revenue Department, will not count for pension, communicated to the Superintending Engineer, IV Circle, with instructions.	1st do. do. No. 3213 W.	23rd Feb. 1885, No. 192 I. 8th Feb. 1888, No. 101 I. 7th Feb. 1890, No. 75 I. 1st Oct. 1891, No. 2634 W.
Suit.—Approving of the prosecution of certain persons by Mr. Mahony for criminal trespass for having removed to the pound the Government cattle that were grazing on the ground adjoining the Government brickfields.	1st do. do. No. 3214 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Accounts.—Sanctioning certain sums due on the work, Ulavapalla branch channel excavation and banking, Nellore division, being credited to Provincial Revenues.	1st Dec. 1891, No. 3215 W.	......
Establishment.—Ordered that the Government of India be addressed on the subject of the proposed permanent scale of 179 Upper Subordinates for the Madras Public Works Depertment and the permanent transfer from 1st April 1890 of 6 Military Upper Subordinates from the Madras Public Works Department to the Military Works Department.	1st do. do. No. 3221 W.	31st May 1888, Nos. 1583-84 W. 10th Dec. 1888, No. 3884 W. 3rd Jan. 1890, No. 8 C. 17th Jan. 1890, No. 135 W. 21st April 1890, No. 1180 W. 24th April 1890, No. 1226 W. 28th April 1890, No. 1234 W. 17th July 1890, No. 3080 C. 23rd July 1890, No. 3147 C. 17th July 1890, No. 1945 W. 6th Aug. 1890, No. 584 D. 22nd Aug. 1890, No. 667 D. 26th Aug. 1890, No. 698 D. 27th Oct. 1890, Nos. 2835-36 W. 13th Nov. 1890, Nos. 3021-22 W. 20th Nov. 1890, No. 4791 C. 21st Nov. 1890, No. 4827 C. 23rd Dec. 1890, Nos. 3414-15 W. 17th Jan. 1891, No. 269 C. 29th Jan. 1891, No. 532 C. 29th Jan. 1891, No. 535 C. 5th Feb. 1891, No. 334 W. 3rd Mar. 1891, No. 1149 C. 9th Mar. 1891, No. 1290 C. 16th April 1891, No. 2097 C. 24th Feb. 1891, No. 539 W. 13th Mar. 1891, No. 1435 C. 21st May 1891, No. 240 D. 11th June 1891, No. 1587 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
		(*Continued.*) 13th Aug. 1891, No. 3701 C. 10th Oct. 1891, No. 4450 C.
The Government of India addressed ...	1st Dec. 1891, No. 3222 W.	......
Madras College of Engineering.—Proceedings in the Educational Department stating that the stipends and allowances of soldier students of the — during their practical courses should continue to be debited to the Public Works Department, and directing that the words "from the College" be struck out of para. 101 of the Public Works Code, communicated to the officers of the department for information and guidance.	2nd do. do. No. 3223 W.	......
Police lines at Arni.—Letter from the Superintending Engineer, IV Circle, stating that the estimate of Rs. 4,990 for — has been forwarded to the Inspector-General of Police for countersignature but has not yet returned, communicated to the Judicial Department.	2nd do. do. No. 3224 W.	14th Nov. 1891, No. 3045 W.
Chintz purchased for Government House, Madras.—The Examiner authorised to arrange for the payment as a special case to Messrs. Maple and Company, England, of the — and the Government of India addressed separately regarding the desirability of placing the furniture fund entirely at the discretion and disposal of His Excellency the Governor.	2nd do. do. No 3225 W.	12th Sept. 1887, No. 2451 W. 25th April 1888, No. 1221 W. 2nd Aug. 1890, No. 2105 W. 8th Aug. 1890, No. 3332 C 13th Sept. 1890, No. 786 D. 19th Sept. 1890, No. 3812 C. 9th Oct. 1890, No. 4070 C. 24th Oct. 1890, No. 4323 C. 28th Oct. 1891, No. 2863 W.
The Government of India addressed	2nd do. do. No. 3226 W.	......
Theft committed in the Ganjam Division Office.—Report of the result of the Police inquiry of the —, recorded.	2nd do. do. No. 3227 W.	16th Oct. 1891, No. 2744 W.
Police huts at Muchukota.—Report from Superintending Engineer, III Circle, that the allotment of Rs. 1,577 for seven — is not required, recorded.	2nd do. do, No. 3229 W.	23rd Oct. 1891, Nos. 2795-96 W.
Executive Engineer's bungalow at Dumagudiem.—The use of the — as a school till the end of March next as requested by the Reverend Mr. Cain, approved.	2nd do do. No. 3231 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Warm clothing.—Declining to reconsider the orders passed in G.O., No. 3626 W., dated 20th December 1889, regarding supply of — for lascars in the Rushikulya division.	2nd Dec. 1891, No. 3232 W.	20th Nov. 1889, No. 5404 C. 20th Dec. 1889, No. 3626 W.
Suit.—The Examiner authorised to admit the law charges, amounting to Rs. 46-6-0, incurred on account of the — instituted by the Superintending Engineer, I Circle, against S. Venkatasawmi Naidu for the recovery of cement lost.	2nd do. do. No. 3233 W.	15th May 1888, No. 1890 C. 8th June 1888, No. 1697 W. 20th Sept. 1888, No. 2962 W. 13th Oct. 1888, No. 3255 W. 17th Dec. 1889, No. 3589 W. 8th Aug. 1891, No. 2124 W.
Famine Code.—Proceedings in the Revenue Department ordering the supply of 15 copies of the — for the use of the Superintending Engineer, III Circle, communicated to the Superintending Engineer.	2nd do. do. No. 3234 W.	15th Aug. 1891, No. 714 D. 15th Oct. 1891, No. 4525 C. 29th Oct. 1891, No. 4774 C. 20th Nov. 1891, No. 5184 C.
Racquet Court at Kurnool.—Proceedings in the Revenue Department stating that the custody of the old — should rest with the Public Works Department but that public funds should not be spent on its repair, communicated to the Superintending Engineer, III Circle, for information and guidance.	2nd do. do. No. 3235 W.	14th Oct. 1891, No. 4486 C. 11th Nov. 1891, No. 4974 C.
Statement of Objectionable Items.—Orders on the — for period ending 31st August 1891, III Circle.	2nd do do. No. 3236 W.	27th Nov. 1888, No. 3742 W. 17th July 1888, No. 2164 W. 21st Mar. 1889, No. 851 W. 10th Aug. 1891, No. 663 D. 20th Nov. 1891, No. 3130 W.
Statement of Objectionable Items.—Orders on the — for period ending 31st August 1891, IV Circle.	3rd do do. No. 3237 W.	8th Sept. 1891, No. 2395 W. 11th Aug. 1891, No. 2151 W. 10th Oct. 1891, No. 2689 W. 27th Oct. 1891, No. 2839 W.
Statement of Objectionable Items.—Orders on the — for period ending 31st August 1891, II Circle.	3rd do. do. No. 3238 W.	26th May 1891, No. 1440 W. 11th Aug. 1891, No. 2164 W.
Statement of objectionable Items.—Orders on the — for period ending 31st August 1891, V Circle.	3rd do. do. No. 3239 W.	11th Aug. 1891, No. 2149 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Statement of objectionable items.—Orders on the — for period ending 31st August 1891, I Circle.	3rd Dec. 1891, No. 3240 W.	19th Feb. 1891, No. 486 W. 22nd May 1891, No. 1396 W. 11th Aug. 1891, No. 2163 W.
Budget estimates.—Proceedings in the Financial Department fixing the estimates under Local Funds Act V of 1884 and adjusting heads (Provincial) for 1892–93, recorded.	3rd do. do. No. 3242 W.	......
Budget estimate.—Proceedings in the Financial Department accepting the estimate of receipts in the General Branch of the Public Works Department under Provincial Civil Works for 1892–93 and deferring orders regarding the grant for expenditure until December next, communicated to the Examiner, Public Works Accounts.	3rd do. do. No. 3243 W.	......
Travelling allowance journals.—Notes of the examination at Coimbatore on 19th November 1891 of the — of the members of No. IV Party, Tank Restoration Scheme, by the inspecting accounts officer, recorded.	3rd do. do. No. 3244 W.	......
Mr. W. B. de Winton.—Endorsement of the Government of India, Military Department, forwarding copy of its telegram to the Director-General of Military Works intimating that — should report himself to the Public Works Department, Madras, not later than the 15th December, recorded.	3rd do. do. No. 3245 W.	10th Nov. 1891, No. 4961 C. 26th Nov. 1891, No. 5315 C. 24th Nov. 1891, No. 5270 C. 26th Nov. 1891, No. 5316 C. 3rd Dec. 1891, No. 3245 W.
School building at Coimbatore.—Proceedings in the Educational Department recording, with remarks, G.O., No. 3071 W., dated 16th November 1891, regarding rent for the — engaged by the Coimbatore All Souls' Church Committee, recorded.	3rd do. do. No. 3246 W.	10th Dec. 1890, No. 3283 W. 3rd Feb. 1891, No. 317 W. 15th April 1891, No. 2089 C. 23rd April 1891, No. 2219 C. 16th Nov. 1891, No. 3071 W.
Local Fund Supervisor's office at Tindivanam.—Proceedings in the Local and Municipal Department recording letter from the President, District Board, South Arcot, explaining the circumstances under which the estimate for constructing a — and certain other works were sent to the Superintending Engineer for scrutiny, recorded.	3rd do. do. No. 3247 W.	5th Jan. 1891, No. 13 W. 14th Feb. 1891, No. 423 W. 23rd Feb. 1891, No. 525 W. 9th June 1891, No. 1570 W. 8th July 1891, No. 1880 W.

Subjects.	Number and date of Order.	Numbers and Dates of previous Orders.
Colonel H. Smalley, R.E., Superintending Engineer.—A final last pay certificate of —, who has proceeded to Europe on furlough for one year and three days, ordered to be forwarded to the Home Government.	3rd Dec. 1891, No. 3248 W.	......
Forwarded	3rd do. do. No. 3249 W.	......
Kálahasti zemindari.—Proceedings in the Revenue Department passing orders on petitions from certain ryots praying for the assistance of Government for the repairs of their tanks, wells, &c., in the —, communicated to the Superintending Engineer, IV Circle.	3rd do. do. No. 3250 W.	......
Pennér and Gadilam bridges.—Proceedings in the Local and Municipal Department approving of proposals that the South Arcot District Board has charge of the — on the understanding that the Municipal Council of Cuddalore, who have agreed to take charge of the roadway over the latter bridge should contribute to the District Board annually the cost of the maintenance of that bridge, communicated to the Superintending Engineer, V Circle, for information.	3rd do. do. No. 3251 W.	29th April 1889, No. 1137 W. 25th Aug. 1891, No. 2291 W. 15th Sept. 1891, No. 2476 W.
Ganjam maliahs.—Proposal of the Superintending Engineer, I Circle, to be permitted to make advances to the extent of Rs. 1,000 to petty contractors on —, sanctioned as a special case.	3rd do. do. No. 3252 W.	3rd July 1890, No. 1833 W. 9th Aug. 1891, No. 2171 W. 11th Oct. 1891, No. 2679 W.
Contribution works.—The execution of certain — by the Public Works Department noticed in the objectionable items statement for period ending 31st May 1891, IV Circle, sanctioned.	3rd do. do. No. 3253 W.	......
Godávari left embankment.—Proceedings in the Local and Municipal Department sanctioning from the District Board's reserve the allotment applied for by the Godávari District Board for widening and gravelling a portion of the —, and requesting the Accountant-General to place the amount at the disposal of the Public Works Department, communicated to the Superintending Engineer, I Circle.	3rd do. do. No. 3254 W.	23rd April 1891, Nos. 1126–27 W. 14th Sept. 1891, No. 873 D. 10th Oct. 1891, No. 2694 W.
Statement of unauthorized appropriations.—Orders in the — made during October 1891.	4th do. do. No. 3256 W.	6th Aug. 1891, Nos. 2104-5 W. 3rd Oct. 1891, No. 2653 W. 30th Oct. 1891, No. 2908 W. 7th Nov. 1891, No. 2977 W. 5th Nov. 1891, No. 2955 W. 13th Oct. 1891, No. 2700 W.
Forwarded to the Accountant-General, Public Works Department.	4th do. do. No. 3257 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Sub-Registrar's office at Tenkarai.—The Superintending Engineer, VI Circle, directed to prepare an estimate for the construction of a new —	4th Dec. 1891, No. 3258 W.	......
Statement of demands and surrenders.—Orders on the — for 1891–92 in Kurnool division.	4th do. do. No. 3259 W.	26th June 1891, No. 1716 W.
Printing charges.—Declining to raise the limit of — of the Godávari Eastern and Western Divisions as proposed by the Superintending Engineer, and sanctioning the excess of Rs. 24 incurred in the Godávari Eastern Division subject to counter-signature of the bill by the Superintendent, Government Press.	4th do. do. No. 3260 W.	3rd July 1891, No. 1812 W. 14th Aug. 1891, No. 3703 C. 16th Nov. 1889, No. 3239 W. 29th Oct. 1891, No. 2883 W. 24th Nov. 1891, No. 5281 C. 14th Sept 1891, No. 2460 W. 27th Oct. 1891, No. 2859 W.
Stores.—The local purchase of certain articles of European — required for Tirumal Naick's Palace at Madura in the VI Circle, sanctioned under the explanation afforded.	4th do. do. No. 3261 W.	......
Petition rules.—Proceedings in the Public Department communicating notification of the Government of India adding a clause to rule 3, section III, of the rules for submission of petitions to that Government, communicated to officers of the Public Works Department.	4th do. do. No. 3262 W.	4th Nov. 1884, No. 2730 W. 27th June 1888, No. 544 R. 7th Dec. 1889, No. 3492 W. 23rd Jan. 1890, No. 218 W. 5th Nov. 1890, No. 3155 W.
Register of Pensioned Native Soldiers.—List of corrections to be made in the — who are desirous of employment in civil capacities and also list of pensioned native soldiers in the Punjab, Bengal, North-Western Provinces and Oudh, Central India and Afghanistan, desirous of employment in civil capacities, communicated to officers of the Public Works Department.	4th do. do. No. 3263 W.	......
Notes of inspection of No. I Periyár Division.—Remarks by the Examiner, Public Works Accounts, on explanation of the Superintendent of Works, Periyár Division, on certain points noticed in the —, communicated to the Superintendent of Works with instructions.	4th do. do. No. 3264 W.	23rd July 1890, No. 2010 W. 16th Oct. 1890, No. 2736 W. 28th Oct. 1890, No. 4395 C. 1st Dec 1890, No. 3188 W. 17th Dec. 1891, No. 3081 W. 12th Nov. 1891, No. 4986 C. 1st Dec. 1891, No. 5390 C.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Accounts.—The sum of annas 2, being the arrears due to contractor Balajee Row, &c., outstanding in the — of the Chingleput division credited to provincial revenue.	4th Dec. 1891, No. 3265 W.	......
Shutters of Kadamurti-Tirumalrajenaur regulators, Tanjore district.—Lieutenant-Colonel Drake Brockman permitted to inspect the — at the public expense in order to guide him to draw up similar designs for the Pálár and Poiney anicut under-sluice shutters.	5th do. do. No. 3266 W.	......
Police hospital at Párratipur.—The Examiner authorized to admit the charges already incurred for special repairs by the Public Works Department to the tiled roof of the —, but attention called to the prior sanction of Government being applied for in future for works of this character.	7th do. do. No. 3267 W.	......
Road No. 63 in the 7th and 8th miles of Tiruturai-púndi taluk.—Proceedings in the Local and Municipal Department sanctioning an allotment for raising —, and authorizing the Accountant-General to place the amount at the disposal of the Public Works Department, communicated to the Superintending Engineer, V Circle, and the Examiner, Public Works Accounts.	7th do. do. No. 3268 W.	......
Madras General Post office.—Letter from the Director-General of the Post office of India allotting a further sum of Rs. 9 for certain alterations and improvements to the Postmaster-General's stock depôt &c., in the —, communicated to the Consulting Architect to Government and the Examiner, Public Works Accounts.	7th do. do. No. 3269 W.	30th Nov. 1891, No. 3206 W.
Madras General Post office.—Letter from the Director-General of the Post office of India allotting a further sum of Rs. 4 for constructing a counter for the stamp vendor in the —, communicated to the Consulting Architect to Government and the Examiner, Public Works Accounts.	7th do. do. No. 3270 W.	11th Nov. 1891, No. 3018 W.
Statement of payments made in England.—The — on account of stores and freight, &c., during October 1891, Madras—Provincial and Local Funds, Public Works, communicated to the Superintending Engineer, V Circle, and the Examiner, Public Works Accounts.	7th do. do. No. 3271 W.	9th June 1891, No. 1569 W. 5th Aug. 1891, No. 2100 W. 15th Sept. 1891, No. 2466 W. 3rd Oct. 1891, No. 2654 W. 2nd Nov. 1891, No. 2938 W.
Machinery.—Correspondence regarding the — required for the proposed temporary workshop for the College of Engineering and its erection by the college authorities, recorded.	7th do. do. No. 3272 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Memorial Rules.—Addition to section III of the — regarding submission of petitions to the Government of India, recorded.	7th Dec. 1891, No. 3273 W.	......
Land.—Notification for the acquisition of— required for the Hindupur Taluk Cutcherry, ordered to be published in the *Fort St. George Gazette.*	7th do. do. No. 3276 W.	......
Mustafa Ali.—Proceedings in the Educational Department exempting clerk — from Examination Rules so long as he holds his temporary appointment in Kálahasti Sub division, communicated to the Superintending Engineer, IV Circle.	7th do. do. No. 3277 W.	28th Sept. 1891, No 4252 C. 23rd Oct. 1891, No. 4642 C. 13th Nov. 1891, No. 5026 C
Sub-Registrar's office at Badvél, Cuddapah District.—Rs. 500 allotted from the reserve for the construction of a —.	7th do. do. No. 3278 W.	10th Nov. 1891, No. 2985 W.
Kallikót and Atagada Estates, Ganjam District.—Resolution of the Board of Revenue directing the Collector to place Rs. 492 at the disposal of the Public Works Department from the funds of the —, communicated to the Superintending Engineer, I Circle, and the Examiner, Public Works Accounts.	7th do. do. No. 3279 W.	28th Oct. 1891, No. 2867 W.
A. V. Subrahmanya Aiyar.—Proceedings in the Revenue Department prohibiting the re-employment in the public service of —, late No. V Party, Malabar, for making false entries in survey records, communicated to officers of the Public Works Department.	7th do. do. No. 3280 W.	......
Lists of works proposed for execution by the Public Works Department during 1892–93 *from Incorporated Local Funds.*—Proceedings, in the Local and Municipal Department, communicating to Presidents of District Boards concerned for early remarks two —, recorded.	7th do. do. No 3281 W.	22nd Nov. 1890, No. 4847 C. 25th Nov. 1891, No. 5297 C.
Return showing dates of receipts of accounts for October 1891 in the office of the Examiner, Public Works Accounts, recorded.	7th do. do. No. 3282 W.	13th May 1891, No. 1312 W. 10th June 1891, No. 1586 W. 8th July 1891, No. 1871 W. 11th Aug. 1891, No. 2153 W. 10th Sept. 1891, No. 2428 W. 6th Oct. 1891, No. 2671 W. 7th Nov. 1891, No. 2973 W.
Sub-Registrar's Office at Koilpati, Tinnevelly District.—The Superintending Engineer, VI Circle, directed to prepare necessary estimate for the construction of a —.	7th do. do. No. 3283 W.	13th May 1891, No. 1320 W.
Sub-Registrar's Office at Mudabidre, South Canara District.—The Superintending Engineer, IV Circle, directed to prepare necessary estimate for the construction of a —.	7th do. do. No. 3284 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Sub-Registrar's Office at Kadayam, Tinnevelly District.—The Superintending Engineer, VI Circle, directed to prepare necessary estimate for the construction of a —.	7th Dec. 1891, No. 3285 W.	......
Stores.—Letter from the Superintending Engineer, V Circle, stating that certain articles marked 2 in the list of surplus — available for transfer in the Bombay Presidency for quarter ending 31st March 1891 may be required hereafter and will be indented for if necessary, recorded.	8th do. do. No. 3292 W.	27th June 1888, Nos. 1924–25 W. 6th Sept. 1888, No. 2763 W.
Schedule of requirements for original Telegraph Department buildings and works.—Letter from the Director-General of Telegraphs forwarding the — for 1892–93, recorded.	8th do. do. No. 3293 W.	9th Dec. 1889, No. 3506 W. 14th Jan. 1890, No. 945 W. 11th Feb. 1890, No. 442 W. 24th July 1890, Nos. 2530–31 W. 9th May 1891, No. 1282 W. 29th July 1891, No 2040 W. 17th Nov. 1891, No. 5109 C. 26th Nov. 1891, Nos. 3160–61 W.
Chemical Laboratory, Presidency College, Madras.—Rs. 12,000 appropriated from the reserve for carrying out additions to the —.	8th do. do. No 3294 W.	16th Oct. 1891 No. 2736 W. 18th Nov. 1891, Nos. 3098–99 W.
Statement of Objectionable Items.—Orders on the — in the accounts of Executive Engineers for period ending 30th September 1891 in the I Circle.	8th do. do. No. 3295 W.	18th Mar. 1891, No. 789 W. 23rd Sept. 1891, No. 2556 W.
Municipal Works.—Proceedings in the Local and Municipal Department directing the Accountant-General to recover Rs. 44 due from the Municipal Council, Vellore, on account of scrutiny of estimates for — and to place the same to the credit of the Public Works Department, communicated to the Superintending Engineer, IV Circle, and the Examiner, Public Works Accounts.	8th do. do. No. 3296 W.	30th July 1891, No. 607 D. 22nd Sept. 1891, No. 2538 W. 26th Oct. 1891, No. 4699 C.
C. Mooroogesa Mudaliar, Draftsman.—The action of the Chief Engineer in entertaining — in the Public Works Secretariat on Rs. 80 per mensem in place of the special draftsman temporarily deputed for duty under Mr. Cousins, confirmed, and the question of relaxing the Examination Rules in Mooroogesa Moodaliar's favour who holds a second-class certificate, referred to the Educational Department for consideration.	8th do. do. No. 3297 W.	7th Nov. 1891, No. 2975 W. 24th Nov. 1891, No. 5250 C. 19th Nov. 1891, No. 5154 C.
Grass on land round Marliamund reservoir.—Cancelling the Government Order granting Mrs. Morgan to cut — it being ascertained that this portion of the land is not under the control of Government.	8th do. do. No. 3298 W.	10th Oct. 1891, No. 2687 W 11th Nov. 1891, No. 4975 C.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Mr. J. R. Hendricks, Supervisor.—The grant of daily allowance from 16th September and 8th October 1891 to — during his halt at Asoomboo Hills, sanctioned as a special case.	8th Dec. 1891, No. 3299 W.	22nd Oct. 1891, No. 2783 W.
Jail Administration.—Proceedings, in the Judicial Department, passing orders on Colonel J. M. Smith's report on certain questions of—, communicated to the Superintending Engineer, IV Circle.	8th do. do. No. 3300 W.	......
Statement of Objectionable Items.—Orders on the — in the accounts of Executive Engineers for period ending 30th September 1891 in the IV Circle.	9th do. do. No. 3309 W.	23rd Sept. 1891, No. 2553 W. 27th Nov. 1891, No. 3182 W. 8th Aug. 1891, No. 2113 W.
Statement of Objectionable Items.—Orders on the — in the accounts of Executive Engineers for period ending 30th September 1891 in the V Circle.	9th do. do. No. 3310 W.	12th May 1891, No. 1301 W. 3rd Mar. 1891, No. 591 W. 20th Dec. 1890, Nos. 3398–99 W. 19th Dec. 1889, Nos. 3607–08 W. 20th Oct. 1890, No. 2770 W. 13th Feb. 1890, No. 473 W. 22nd May 1891, No. 2612 C. 17th June 1891, No. 1647 W. 23rd Sept. 1891, No. 2555 W.
Statement of Objectionable Items.—Orders on the — in the accounts of Executive Engineers for period ending 30th September 1891 in the III Circle.	9th do. do. No. 3311 W.	......
Statement of Objectionable Items.—Orders on the — in the accounts of Executive Engineers for period ending 30th September 1891 in the II Circle.	9th do. do. No. 3312 W.	23rd Sept. 1891, No. 2554 W.
Charges incurred on account of work done by the Presidency Public Works Workshops for the Rev. S. Dominie.—Approving of certain suggestions of the Examiner in regard to the debit of —.	9th do. do. No. 3313 W.	28th July 1885, No. 1732 W. 6th Feb. 1886, No. 328 W. 5th May 1886, Nos. 1128–29 W. 22nd Dec. 1886, No. 3374 W. 24th June 1887, No. 1701 W. 21st Nov. 1887, No 3147 W. 17th May 1888, No. 1932 C. 13th June 1888, No. 1756 W. 28th June 1888, No. 2455 C. 26th Oct. 1888, No. 4143 C.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
		(*Continued.*) 20th Nov. 1888. No. 4599 C. 17th Dec. 1888, Nos. 3934–35 W. 10th Jan. 1889, No. 108 C. 5th Feb. 1889, No. 319 W. 18th Feb. 1889, No. 488 W. 17th April 1889, No. 1053 W. 17th May 1889, No. $\frac{1213}{A}$ W. 12th May 1889, No. 1287 W. 1st June 1889, No. 1456 W. 22nd Aug. 1889, No. 2309 W. 5th Sept. 1891, No. 2366 W. 25th Sept. 1891, No. 4247 C. 30th Sept. 1891, No. 2607 W. 2nd Nov. 1891, No. 2939 W. 7th Nov. 1891, No. 4912 C. 20th Nov. 1891, No. 3137 W.
Mr. W. E. Newman.—Appointed Temporary Overseer for three months on Rs. 80 per mensem and posted to the III Circle, Bellary Division.	9th Dec. 1891, No. 3318 W.	21st Nov. 1891, No. 3138 W. 27th Nov. 1891, No. 3187 W. 2nd Dec. 1891, No. 5418 C. 3rd Dec. 1891, No. 5442 C.
Mr. J. Inglis, Assistant Engineer.—Declining to cancel the furlough already granted to —.	9th do. do. No. 3319 W.	14th Nov. 1891, No. 5061 C. 26th Nov. 1891, No. 5314 C.
Printing Charges.—Sanctioning an expenditure of Rs. 24 incurred by the Executive Engineer, Rushikulya Division, for printing forms in the press at Berhampore for the use of his division.	10th do. do. No. 3320 W.	14th Sept. 1891, No. 2460 W. 27th Oct. 1891, No. 2859 W. 3rd July 1891, No. 1812 W. 14th Aug. 1891, No. 3703 C. 14th Sept. 1891, No. 2460 W. 16th Nov. 1889, No. 3239 W. 29th Oct. 1891, No. 2883 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
		(*Continued.*) 24th Nov. 1891, No. 5281 C. 4th Dec. 1891, No. 3260 W.
Mr. W. Hughes.—The powers conferred on — in G.O., No. 884 W., dated 25th March 1889, to be again exercised by him on his appointment as Superintending Engineer, III Class, temporary rank.	10th Dec. 1891, No. 3321 W.	12th Mar. 1888, No. 810 W. 21st Dec. 1888, No. 3999 W. 8th May 1888, No. 1349 W. 8th May 1888, No 1350 W. 11th Nov. 1889, No. 3205 W. 24th April 1890, No. 1222 W. 10th Mar. 1891, No 687 W. 7th April 1891, No. 974 W. 16th April 1891, No. 1054 W. 28th April 1891, No. 2287 C. 11th June 1891, No. 1590 W. 25th Mar. 1889, No. 884 W.
Lending tools to contractors and others.—The attention of the Local and Municipal Department drawn to Madras Public Works Code, para. 1372-A showing the practice in the Public Works Department in regard to —.	10th do. do. No. 3322 W.	......
Stores.—The local purchase of coal tar for the Kistna Eastern Division, sanctioned.	10th do. do. No. 3323 W.	
Stores.—The local purchase of a rolled iron girder bridge for erection at Kuchipudi lock, Nizampatam canal, sanctioned.	10th do. do. No. 3324 W.	25th Jan. 1886, No. 202 W. 2nd July 1886, No. 1679 W. 6th Nov. 1891, No. 2959 W.
Mr. Jopp, Executive Engineer.—Sanctioning the permission accorded by the Superintending Engineer to allow — to proceed to Dowlaishweram to inspect certain machinery proposed to be transferred for the clearance of the main canal, Kistna Western Delta.	10th do. do. No. 3325 W.	
Report on native newspapers for fortnight ending 31st October 1891.	10th do. do. No. 3326 W.	
Ponniar Bridge.—Inspection Report of the —, recorded.	10th do. do. No. 3327 W.	13th Nov. 1891, No. 3 39 W. 13th Nov. 1891, No. 5038 C.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Store-room on the Lighthouse Esplanade.—Proceedings in the Military Department declining to sanction the application to erect a — for the storage of gymnastic and cricket materials belonging to the Madras Christian College, recorded.	10th Dec 1891, No. 3328 W.	......
Administration Report.—Supplement to the — of Civil Works of the Public Works Department, General Branch, Bombay Presidency, for 1890–91.	10th do. do. No. 3329 W.	12th Sept. 1890, No. 2448 W. 13th Aug. 1891, No. 2203 W. 3rd Sept. 1891, No. 2346 W.
Funds.—The sum of Rs. 1,50,000 replaced at the disposal of the Financial Department from the Public Works Department reserve.	10th do. do. No. 3330 W.	......
Inspection notes of the Tinnevelly Division.—The Superintending Engineer's explanation of certain items in the Examiner's summary of —, recorded.	10th do. do. No. 3332 W.	21st Oct. 1890, No. 2800 W. 12th May 1891, No. 2472 C. 21st Aug. 1891, No. 3785 C. 9th Sept. 1891, No. 4017 C. 10th Sept. 1891, No. 4024 C. 26th Oct. 1891, No. 2832 W. 1stDec. 1891, No. 5377 C.
Syed Yacoob, late lascar, Raja Voikal, Public Works Department.—Orders on petition from — appealing against his dismissal.	10th do. do. No. 3333 W.	1st June 1891, No. 2743 C. 3rd Sept. 1891, No. 3912 C. 5th Oct. 1891, No. 4352 C.
Indents.—Letter from the Government of India stating that copies of — for stores for Provincial Services which are subject to final adjustment in India against Imperial grants are not required, recorded.	10th do. do. No. 3334 W.	3rd Aug. 1891, Nos. 2085-86 W. 15th Sept. 1891, No. 2469 W. 7th Oct 1891, No 4377 C. 11th Nov. 1891, Nos. 3013-14 W.
Seal.—Letter from the Collector and Magistrate of Salem requesting that a — may be supplied for the use of the Special Third-class Magistrate at Thathiengarpett, communicated to the Superintending Engineer, V Circle, with instructions.	10th do. do. No. 3335 W.	22nd Sept. 1886, No. 2434 W. 16th Feb. 1888, No. 540 W. 1st Oct. 1891, No. 2632 W.
Hebbagodi-Anaikal Road.—The Mysore Government addressed in the Political Department regarding the terms under which that Government was allowed to take the — through Salem district.	10th do. do. No. 3336 W.	......
Stores.—Sanctioning, with remarks, the local purchase of certain articles of European manufacture for the use of works in the Rushikulya Project.	10th do. do. No. 3337 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Budget Grants.—Proceedings in the Financial Department directing certain alterations to be made in the — as already sanctioned for 1892–93 under certain heads, recorded.	10th Dec. 1891, No. 3338 W.	......
Soldiers' and Sailors' Home.—Proceedings in the Military Department informing the Rev. Mr. Whitamore that negotiations concerning the plot of ground on the Monument Esplanade intended to be allotted for the erection of a — must be considered at an end owing to public exigencies.	10th do. do. No. 3339 W.	......
Dockworks at Kedderpore.—Letter from the Government of Bengal forwarding copy of a report of the 17th quarterly inspection of the —, which are being carried out by the Commissioners of the port of Calcutta, communicated to the Chairman, Harbour Trust Board, for information.	10th do. do. No. 3340 W.	26th May 1891, No. 1423 W.
Accountants.—Posting and transfers of certain — consequent on the re-organization of the Public Works Department accountant establishment, Madras, proposed by the Examiner, Public Works Accounts, sanctioned.	10th do. do. No. 3341 W.	......
Remittance to Ceylon.—Copy of letter from the Accountant-General, Madras, to the Auditor-General, Colombo, regarding the — of Rs. 18,000 on account of the tunnel drilling machinery purchased from the Ceylon Government, recorded.	10th do. do. No. 3343 W.	10th Nov. 1891, Nos. 866-67 I.
Newtilon crane, Madras Harbour Works.—Proceedings, in the Marine Department, communicating report of the erection of the — by Messrs. Pogson and Gunther, recorded.	11th do. do. No. 3344 W.	19th Nov. 1891, Nos. 3118-19 W.
Manuals, Codes, &c.—Proceedings in the Public Department communicating letter from the Government of India requesting to be supplied regularly with any new or revised — on any subject which may hereafter be issued, recorded.	11th do. do. No. 3345 W.	......
N. Manickavasagam Pillay.—Appointed Temporary Overseer on Rs. 60 per mensem and posted to IV Circle.	11th do. do. No. 3347 W.	21st Nov. 1887, No. 3144 W. 20th Aug. 1887, No. 2800 C. 24th Oct. 1887, No. 3699 C. 9th Dec. 1887, No. 4552 C. 10th Aug. 1891, No. 3638 C. 7th Sept. 1891, No. 3966 C. 18th Sept. 1891, No. 4147 C. 16th Oct. 1891, No. 4548 C. 30th Oct. 1891, No. 4811 C. 17th Nov. 1891, No. 5104 C.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
		(*Continued.*) 20th Nov. 1891, No. 5187 C. 1st Dec. 1891, No. 5392 C. 8th Dec. 1891, No. 5504 C. 1st May 1891, No. 2329 C. 11th July 1891, No. 3286 C. 1st Dec. 1891, No. 5393 C.
Report on native newspapers for fortnight ending 15th November 1891, recorded.	11th Dec. 1891, No. 3348 W.	.....
Rope.—The purchase of a coil-tarred hemp — by the Executive Engineer, Vizagapatam Division, from the Presidency Public Works Stores, sanctioned.	11th do. do. No. 3349 W.	
Mountstuart Buildings, Ootacamund.—Letter from the Government of India requesting to be furnished with the sanctioned estimates of the new works which are being carried out in connection with the — together with a statement showing the rent proposed to be charged in addition to Rs. 3,600 per annum now paid, communicated, with instructions, to the Superintending Engineer, IV Circle.	12th do. do. No. 3350 W.	29th Jan. 1891, No. 517 C. 17th Mar. 1891, Nos. 767-68 W. 29th Oct. 1891, No. 2885 W. 19th Oct. 1888, No. 3335 W. 17th June 1885, No. 1437 W. 8th Feb. 1890, No. 423 W. 22nd April 1890, No. 1194 W. 17th Mar. 1891, Nos. 767-68 W. 13th Oct 1891, No. 4464 C. 2nd Nov. 1891, Nos. 2936-37 W.
Funds.—Orders on the surrender of funds from the grant for reconstructing tread mills at the Madras Penitentiary.	12th do. do. No. 3351 W.	10th Feb. 1891, No. 374 W. 13th Oct. 1891, No. 2704 W.
Menial Establishment in office of Examiner, Public Works Accounts, Madras.—Proposed revision of the scale of —, sanctioned with effect from 1st December 1891.	12th do. do. No. 3352 W.	6th Nov. 1885, No. 2522 D. 17th Dec. 1885, No. 2844 D. 5th Jan. 1886, No. 30 C. 1st Feb. 1886, No. 424 C. 2nd Mar. 1886, No. 550 W. 4th Mar. 1886, No. 887 C. 12th Mar. 1886, No. 1014 C. 16th April 1886, No. 997 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
		(*Continued.*) 26th April 1886, No. 1595 C. 4th May 1886, No. 1696 C. 5th July 1886, No. 342 D. 6th Sept. 1886, No 618 D. 24th Mar. 1887, No. 907 W. 18th May 1887, Nos. 1370–71 W. 29th June 1887, No. 2163 C. 8th Aug. 1887, Nos. 2118-19 D. 20th Jan. 1888, No. 241 W. 1st May 1888, No. 1265 W. 26th Nov. 1891, Nos. 3173-74 W. 14th Feb. 1890, Nos. 480–81 W. 23rd June 1890, No. 1748 W. 21st Aug. 1890, Nos. 2261–62 W. 21st Mar. 1891, No. 841 W.
Indian Atlas sheets.—The purchase of certain — from the Survey of India Department, Calcutta, for the use of the Executive Engineer, Buckingham canal division, sanctioned.	12th Dec. 1891, No. 3353 W.	6th May 1891, No. 2408 C.
Funds.—Rs. 2,000 allotted from the reserve for the Bellary division.	12th do. do. No. 3354 W.	......
Blasting powder.—Proceedings in the Military Department communicating letter from the Inspector-General of Ordnance stating that the indent for — from the Executive Engineer, Godávari Eastern division, cannot be complied with as there is no stock in the Madras Arsenal, communicated to the Superintending Engineer, I Circle.	12th do. do. No. 3355 W.	14th Aug. 1885, No. 1878 W. 14th Aug. 1885, No. $\frac{9}{1878}$ W. 28th Aug. 1885, No. 2003 W. 28th Aug. 1885, No. $\frac{11}{2003}$ W. 1st July 1885, No. 1534 W. 15th Jan. 1886, No. 121 W. 30th June 1886, No. 2314 C. 27th Nov. 1891, No. 5329 C.
Funds.—Rs. 2,000 surrendered from the grant for the police lines at Arni, resumed and credited to the reserve.	12th do. do. No. 3356 W.	29th Sept. 1891, No. 2599 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
		(*Continued.*) 14th Nov. 1891, No. 3045 W. 2nd Dec. 1891, No. 3224 W.
Sub-overseers for famine relief works.—The employment of four — in the Bellary division for six months, sanctioned.	12th Dec. 1891, No. 3357 W.	10th Dec. 1891, No. 5567 C.
Funds.—Letter from the Government of India stating that the transfer of — proposed from telegraph to postal repairs to meet the requirements of the Coimbatore and West Coast divisions is within the powers of the Government of Madras, recorded, and sanctioning the proposed transfer.	12th do. do. No. 3358 W.	7th Nov. 1891, No. 2977 W. 17th Nov. 1891, No. 3083 W.
A. Dorasawmi Mudaliar, Sub-overseer.—Declining to grant a higher rate of horse allowance to — attached to Ranipet sub-division of North Arcot district.	12th do. do. No. 3359 W.	......
Programme of a proposed tour to be made by His Excellency the Governor during December 1891, communicated to officers concerned.	12th do. do. No. 3360 W.	......
Periodicals.—Proceedings in the Financial Department ordering the payment of £248--10-7 on account of — supplied by Messrs. Baker and Company during the first half of 1891, recorded.	14th do. do. No. 3361 W.	26th Jan. 1888, No. 314 W. 8th Jan. 1888, No. 452 W. 20th Mar. 1888, No. 1177 C. 11th May 1888, No. 1852 C. 28th June 1888, No. 2452 C. 15th Sept. 1888. No. 2852 W. 10th Oct. 1890, No. 4105 C. 3rd Sept. 1891, No. 814 D. 27th Oct. 1891, No. 2850 W.
Correspondence.—Ordered that copies of papers be supplied to the Madras Harbour Trust Board from the formation of the Trust to the 14th October 1890, the date on which the records of the Board were destroyed by fire.	14th do. do No. 3362 W.	......
Statement showing the names of officers who have already attained or who will attain the age of 50 years in the next two calendar years, ordered to be forwarded to the Government of India.	14th do. do. No. 3363 W.	17th Oct. 1887, No. 2766 W. 21st Oct. 1887, No. 2823 W. 6th May 1889, No. 1200 W. 13th Sept 1889, No. 2549 W. 1st Oct. 1889, No. 2740 W. 24th Nov. 1887, Nos. 3200-1 W.

Subjects.	Number and Date of Order.	Numbers and Dates previous Orders.
		(*Continued.*) 9th Dec. 1887, No. 3380 W. 9th Jan 1888, Nos. 67–68 W. 19th Mar. 1888, No. 892 W. 17th Jan. 1889, Nos. 122–23 W. 4th July 1889, No. 1763 W. 14th Aug. 1889, No. 2199 W. 5th Oct. 1889, Nos. 2785–86 W. 21st Dec. 1889, Nos. 3650–51 W. 9th Dec. 1890, Nos. 3266–67 W.
Forwarded	14th Dec. 1891, No. 3364 W.	......
Pension.—Grant of a — to Sombari Gowdo, late conservancy lascar, Boary reservoir, Ganjam division.	14th do. do. No. 3365 W.	......
Rain-making experiments at Bellary.—The services of 1 Serjeant and 4 men of the Royal Artillery placed at the disposal of the Public Works Department for —.	14th do. do. No. 3366 W.	.. ...
Erroneous entry in budget for 1891–92.—Explanation from the Executive Engineer, West Coast division, regarding a certain —, recorded.	14th do. do. No. 3367 W.	22nd Oct. 1891, No. 2778 W.
Mr. A. T. Mackenzie, Assistant Engineer.—Proposal to promote — to the rank of Executive Engineer, 4th grade, as a supernumerary until such time as he would be promoted to the latter grade in ordinary course, negatived by the Government of India.	14th do. do. No. 3368 W.	16th June 1890, No. 333 I. 18th Aug. 1890, No. 3428 C. 11th June 1891, No. 2867 C. 20th June 1890, No. 1729 W. 6th Nov. 1891, Nos. 2963-64 W.
Major W. L. C. Baddeley, R.E.—Letter from — stating that he has applied to the Secretary of State for one year's furlough from 1st December 1891, and submitting certain information for the preparation of his last pay certificate with note thereon by the Examiner, Public Works Accounts, recorded.	14th do. do. No 3369 W.	5th April 1890, No. 1053 W. 8th Nov. 1890, No. 2966 W. 17th Dec. 1890, No. 3369 W. 25th Feb. 1890, No. 599 W. 18th Dec. 1890, No. 3321 W. 17th Dec. 1890, No. 3361 W. 16th Jan. 1891, No. 231 C. 22nd Jan. 1890, No. 370 C. 27th Jan. 1891, No. 470 C.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
		(*Continued.*) 5th Feb. 1891, No. 332 W. 3rd Feb. 1891, No. 589 C. 30th Sept. 1891, No. 4292 C. 3rd Dec. 1891, No. 5430 C. 18th Nov. 1891, Nos. 3100-3101 W.
Clothing.—The Examiner authorised to admit the expenditure incurred in the Public Works Secretariat on account of — of menial servants in 1891-92.	14th Dec. 1891, No. 3370 W.	6th Jan. 1890, No. 9 W. 14th July 1890, No. 1890 W. 6th Aug. 1890, No. 2134 W. 4th Sept. 1890, Nos. 2382-83 W. 7th Feb 1891, No. 678 W.
Demarcating lands attached to Government buildings in Trichinopoly district.—Estimates of Rs. 1.715 for —, approved and returned to Superintending Engineer, VI Circle, for sanction and execution.	14th do. do. No. 3372 W.	8th Dec. 1890, No. 5104 C. 18th Dec. 1890, No. 5307 C.
Roadway of Singaram irrigation sluice.—Proceedings in the Local and Municipal Department authorising the Accountant-General to place Rs. 250 at the disposal of the Public Works Department for widening —, Godávari district, communicated to the Superintending Engineer, I Circle, and the Examiner, Public Works Accounts.	14th do. do. No. 3373 W.	......
Report on native newspapers for fortnight ending 30th November 1891, recorded.	14th do do No. 3374 W.	......
Rewards.—Orders on the grant of — to Mrs. Romilly and Ingles for having passed the 3rd-class test in Telugu.	14th do. do. No. 3375 W.	10th Aug. 1891, No. 3634 C. 7th Sept 1891, No. 3955 C.
N. Venkata Row, Overseer.—Presidency allowance to — temporarily attached at Architect division, sanctioned.	14th do. do. No. 3376 W.	......
Police huts at Puttur, North Arcot division.—The execution of ten — by the Agency of the Public Works Department, sanctioned.	14th do. do. No. 3377 W.	......
Mr. Pereira, Temporary overseer.—Transit pay of — transferred from Bellary to the Kurnool division for 19th and 20th September 1891, sanctioned.	15th do. do. No. 3378 W.	......
Mr. F. J. Wilson, Executive Engineer.—Orders placing the services of — at the disposal of the Marine Department for employment as Officiating Superintendent, Madras Harbour Works.	15th do. do. No. 3379 W.	5th Dec. 1891, No 5470 C. 8th Dec. 1891, No. 5511 C.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Primary School Examination Notification.—Proceedings in the Educational Department directing the substitution of a rule for rule 16 of the — and extending the powers of heads of departments in certain districts in regard to employment of unpassed men, communicated to officers of the Public Works Department.	15th Dec 1891, No. 3380 W.	14th Aug. 1888, No. 528 D. 1st Feb. 1889, No. 275 W. 17th July 1889, No. 1927 W. 10th Feb. 1890, No. 718 C. 17th July 1890, No. 469 D. 20th Nov. 1890, No. 4771 C. 13th Dec. 1890, No. 5203 C. 20th Dec. 1890, No. 5387 C. 16th Jan. 1891, No. 214 C. 15th April 1891, No. 2094 C. 29th May 1891, No. 1464 W. 8th June 1891, No 1562 W. 29th Sept. 1891, No. 4271 C.
Presidency Port Office Buildings.—Proceedings in the Financial Department authorising the Accountant-General to place Rs. 123 at the disposal of the Public Works Department for repairing the signallers' quarters forming part of the —, communicated to the Consulting Architect to Government and the Examiner, Public Works Accounts.	15th do. do. No. 3383 W.	... ..
Thalavasal Bridge.—Proceedings in the Local and Municipal Department authorising the Accountant-General to place Rs 61 at the disposal of the Public Works Department for completing the —, communicated to the Superintending Engineer, IV Circle, and the Examiner, Public Works Accounts.	15th do. do. No. 3384 W.	23rd Mar. 1887, No. 881 W. 1st July 1891, No. 1788 W. 11th Aug. 1891, No. 2161 W. 26th Oct. 1891, No. 4693 C. 5th Nov. 1891, No. 4879 C. 27th Nov. 1891, No. 3182 W.
Indents.—Proceedings in the Financial Department, transferring despatch from the Secretary of State sanctioning compliance of certain —, recorded.	16th do. do. No. 3385 W.	27th July 1891, Nos 2016—18 W. 31st July 1891, Nos. 2063—5 W.
Statement showing disallowance items outstanding in the accounts for August 1891.—Orders on the —.	16th do. do. No. 3386 W.	17th Jan. 1891, No. 156 W. 20th Mar. 1891, No. 817 W. 6th April 1891, No. 954 W. 21st May 1891, No. 1380 W. 25th June 1891, No. 1704 W. 29th June 1891, No. 3087 C.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
		(*Continued.*) 3rd July 1891, No 3146 C. 14th July 1891, No. 1949 W. 22nd Aug. 1891, No. 2275 W. 17th Sept. 1891, No. 2493 W. 21st Oct. 1891, No. 2760 W. 18th Nov. 1891, No. 3095 W.
Registration Office at Guntúr.—Proceedings in the Judicial Department approving of proposal to construct a —, communicated to the Superintending Engineer, II Circle, for preparation of the required estimate.	16th Dec. 1891, No. 3387 W.	13th May 1891, No. 1320 W.
Calicut Light-house.—Proceedings in the Financial Department authorising the Accountant-General to place Rs. 188 at the disposal of the Public Works Department for providing additional ventilation for the lantern of the —, communicated to the Superintending Engineer, IV Circle, and the Examiner, Public Works Accounts.	16th do. do. No. 3388 W.	......
Sub-Registrars' Offices at Pápanásam, Melattur, Adichapuram, Kuttalam and Nagore in the Tanjore district.—Proceedings in the Judicial Department approving of the construction of —, communicated to the Superintending Engineer, V Circle, for preparation of the required estimates.	16th do. do. No. 3389 W.	......
Railways.–List showing names of— (including State Railways) which have lately been constructed, in course of construction, or have been sanctioned by Government during 1891, ordered to be forwarded to the Surveyor-General.	16th do. do. No. 3390 W.	27th Jan. 1891, Nos. 260-1 W.
Forwarded	16th do. do. No. 3391 W.	......
Funds.—Proceedings in the Financial Department requesting the Chief Engineer for Irrigation to state what further grant is now required in connection with certain Minor Works and Navigation, communicated with instructions to the Chief Engineer for Irrigation.	16th do. do. No. 3392 W.	23rd Nov. 1891, No. 901 I.
Budget estimates.—Proceedings in the Revenue Department reviewing the — (Land Revenue) for 1892–93, recorded.	17th do. do. No. 3393 W.	......
Funds.—Sanctioning certain transfer of — to meet demands for works.	17th do. do. No. 3394 W.	......
Rent.—Proceedings in the Judicial Department directing that the Special Assistant Agent, Godávari, be relieved from payment of — for the bungalow at Kannavaram from the date of transfer of headquarters from that station, communicated to the Superintending Engineer, I Circle.	17th do. do. No. 3397 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Correspondence.—Copies of Part III of Appendix M., Bengal Barrack Regulations, relating to accommodation authorised for a regiment of Native Infantry in the plains, forwarded by the Director-General of Military Works, communicated to officers concerned.	17th Dec. 1891, No. 3401 W.	4th Mar. 1891, No. 616 W. 20th Mar. 1891, No. 1604 C. 23rd April 1891, No. 2217 C. 6th May 1891, No. 1256 W. 19th Nov. 1891, No. 3110 W. 7th Dec. 1891, No. 5478 C.
Appointment.—From the Consulting Architect to Government regarding application for an — (Confidential).	17th do. do. No. 3402 W.	......
Funds.—Allotting — from the reserve for the Trichinopoly and Tinnevelly Divisions under Imperial Civil Works, Postal Repairs.	17th do. do. No. 3403 W.	10th Nov. 1890, No. 2979 W.
Funds.—Allotting — from the reserve for the Madura Division under Imperial Military Repairs.	17th do. do. No. 3404 W.	8th Sept. 1887, No. 2426 W. 25th June 1891, No. 1707 W. 29th June 1891, No. 1740 W. 12th Aug. 1891, No. 2172 W.
Lime kilns at Vadheswaram in Kistna Western Division.—Estimate of Rs. 5,000 for carrying out certain improvements to the —, sanctioned with remarks.	17th do. do. No. 3406 W.	14th Oct. 1886, No. 686 I. 26th July 1888, No. 2289 W. 9th Feb. 1891, No. 713 C. 4th Mar 1891, No. 614 W.
Funds.—A further sum of Rs. 30,000 replaced at the disposal of the Financial Department from the Public Works reserve under 45. Provincial Civil Works.	17th do. do. No. 3407 W.	10th Dec. 1891, No. 3330 W.
Messrs. Borkam and Company, Madras.—Letter from — submitting for inspection a set of photographs showing the different views of their foundry, &c., and asking for patronage, recorded with remarks.	17th do. do. No. 3408 W.	21st Aug. 1891, No. 2268 W.
Mr. M. H. Gaynor, Accountant, 1st grade, and Officiating Deputy Examiner.—Office-note from the Examiner, Public Works Accounts, requesting the grant of an increment of Rs. 50 to — from 1st January 1892, ordered to be forwarded to the Government of India for information whether the increment is admissible.	17th do. do. No. 3409 W.	......
Forwarded	17th do. do. No. 3410 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Funds.—Orders on the statement of surrenders under Imperial Civil Works and Provincial during 1891–92 submitted by the Superintending Engineer, I Circle.	17th Dec. 1891, No. 3411 W.	30th July 1890, No. 2070 W. 5th Jan. 1891, No. 9 W. 6th May 1891, No. 1255 W. 10th July 1891, No. 1896 W. 8th Aug. 1891, No. 2132 W. 7th Nov. 1891, No. 4928 C. 26th Nov. 1891, No. 3171 W.
Annual Return of Expenditure on Stores in the Madras Public Works Department.—The — for 1890–91, ordered to be forwarded to the Government of India.	17th do. do. No. 3412 W.	25th Aug. 1890, No. 2300 W. 20th Sept. 1890, No. 3822 C. 3rd Nov. 1890, No. 4506 C. 20th Nov. 1899,' No. 4773 C. 20th Jan. 1891, No. 330 C. 26th Jan. 1891, No. 430 C. 23rd Feb. 1890, Nos. 522-23 W. 2nd Mar. 1891, No. 570 W. 24th Oct. 1891, No. 4676 C. 23rd Nov. 1891, No. 5239 C. 8th Dec. 1891, No. 5519 C.
Forwarded	17th do. do. No. 3413 W.	......
Funds.—Rs. 715 allotted to the West Coast Division under Imperial Military Repairs.	18th do. do. No. 3415 W.	7th Aug. 1891, No. 2108 W.
Statement of unauthorised appropriations.—Orders on the — during November 1891.	18th do. do. No. 3416 W.	6th Aug. 1891, Nos. 2104-5 W. 3rd Oct 1891, No. 2653 W. 30th Oct. 1891, No. 2908 W. 7th Nov. 1891, No. 2977 W. 5th Nov. 1891, No. 2955 W. 13th Oct. 1891, No. 2700 W. 4th Dec. 1891, No. 3257 W.
Above forwarded to the Accountant-General...	18th do. do. No. 3417 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Funds.—Replacing at the disposal of the Financial Department the sum of Rs. 15,000 surrendered from the budget grant for Provincial establishment.	18th Dec. 1891, No. 3418 W.	5th Dec. 1891, No. 5471 C. 2nd Mar. 1891, No. 580 W. 24th Mar. 1891, No. 1672 W.
Mr. Collins and C. Mahapati Rao.—Proceedings in the Educational Department declining to exempt —, clerks in the office of Examiner, Public Works Accounts, from Examination rules, communicated to the Examiner, Public Works Accounts.	18th do. do. No. 3419 W.	9th May 1885, No. 1085 W. 19th April 1887, No. 1088 W. 1st Dec. 1890, No. 4956 W. 24th Jan. 1891, No. 237 W. 4th Dec. 1891, No. 5449 C.
Correspondence.—Letter from the Chairman, Harbour Trust Board, Madras, returning papers in connection with Mr. Cecil Scott's proposal for constructing a dock upon the site now occupied by the new High Court buildings, recorded.	18th do. do. No. 3420 W.	......
Madras Port Department.—Proceedings in the Marine Department substituting a revised paragraph 4 in Government Order reviewing the Administration report of the — for 1890–91, recorded.	18th do. do. No. 3421 W.	19th Nov. 1891, No. 3117 W.
Telegraphic message.—The Examiner authorised to admit the charge of a — sent by the Superintending Engineer, I Circle, to the Port Officer at Colombo.	18th do. do. No. 3422 W.	......
Water Regulation establishment, Godávari district.—Declining to grant certain concessions proposed to be given to certain clerks under the —.	18th do. do. No. 3423 W.	8th April 1891, No. 983 W. 6th May 1891, No. 2401 C. 19th Aug. 1886, No. 2088 W. 25th May 1891, No. 1416 W.
Publications.—Proceedings in the Financial Department directing copies of the "Indian Directory" for 1892 to be supplied to certain officers, communicated to the Superintending Engineer, V Circle.	18th do. do. No. 3424 W.	14th Sept. 1891, No. 2119 R. 7th Feb. 1890, No. 655 C.
Mr. Thompson.—Proceedings in the Marine Department stating what acting allowance will be given to — while in charge of the Madras Harbour Works, recorded.	18th do. do. No. 3425 W.	5th Dec. 1891, No. 5470 C. 15th Dec. 1891, No. 3379 W. 15th Dec. 1891, No. 5648 C.
Opening of the Male Asylum road at Egmore.—Orders on petition from Vencataramanuja Pillai praying that the asylum Sergeant's quarters may be purchased by Government in view to the —.	18th do. do. No. 3426 W.	30th Nov. 1871, No. 3030. 19th Aug. 1871, No. 2134. 25th Oct. 1872, No. 2518 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
		(*Continued.*) 19th Sept. 1873, No. 2325. 20th Dec. 1888, No. 5153 C. 15th Jan. 1889, No. 183 C. 25th Jan. 1889, No. 385 C. 30th Sept. 1890, No. 2573 W. 2nd Feb. 1891, No. 302 W. 3rd June 1891, No. 1518 W.
Bachappa Bridge, South Canara District.—Letter from the Superintending Engineer, IV Circle, forwarding a comparative statement for the renewal of the fallen abutment of —, and stating what the percentage charge for scrutinising the revised estimate should be, communicated to the Local and Municipal Department.	18th Dec. 1891, No. 3427 W.	......
Additional establishment required for the Kistna Western Division.—Orders on the —.	18th do. do. No. 3428 W.	10th April 1891, No. 1004 W. 15th June 1891, No. 1615 W. 12th Sept. 1891, No. 4048 C. 23rd Sept. 1891, No. 4203 C. 7th Oct. 1891, No. 4380 C.
Relief Works in Bellary District.—The Superintending Engineer, III Circle, directed by telegram that nothing should interfere with the execution of — and that urgent application for any additional allotments required should be submitted.	18th do. do. No. 3429 W.	14th Dec. 1891, No. 5638 W.
Daily allowance.—Ordered that the Government of India be addressed relative to the grant of increased — to inferior servants in the Coimbatore, West Coast and Bellary divisions.	19th do. do. No. 3434 W.	......
The Government of India addressed	19th do. do. No. 3435 W.	......
Messrs. Hutton and Morin.—Letter from the Government of India stating that — have been appointed Assistant Engineers, 2nd grade, by the Secretary of State, and that they will be posted to Madras after undergoing their course of practical training for one year in England, recorded.	19th do. do. No. 3436 W.	......
Light-house at Manapad.—Proceedings in the Financial Department authorising the Accountant-General to place Rs. 34 at the disposal of the Public Works Department for providing iron structures for the —, communicated to the Superintending Engineer, VI Circle, and the Examiner of Public Works Accounts.	19th do. do. No. 3437 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Foreshore at Cochin.—Proceedings in the Financial Department authorising the Accountant-General to place Rs. 598 at the disposal of the Public Works Department for constructing a revetment for the protection of the —, communicated to the Superintending Engineer, IV Circle, and the Examiner of Public Works Accounts.	19th Dec. 1891, No. 3438 W.	
Examiner's position and relation to the Secretary to Government, Public Works Department.—Correspondence regarding the —, recorded.	19th do. do. No. 3439 W.	5th Jan. 1877, No. 49. 29th Oct. 1879, No. 2721 W. 6th Mar. 1880, No. 543 W. 4th Nov. 1880, No. 2537 W. 17th June 1881, No. 1519 W. 8th Feb. 1883, No. 416 W. 22nd Mar. 1882, No. 765 W. 1st June 1889, No. 261 D. 17th Nov. 1890, No. 3066 C. 20th Dec 1890, No. 5362 C. 16th Jan. 1891, No. 195 C. 13th Feb. 1891, No. 282 C. 10th Mar. 1891, No. 1319 C. 6th Mar. 1891, No. 1234 C.
Titles.—Proceedings in the Political Department directing the publication in the *Fort St. George Gazette* of the Government of India recognising the claim of the emindar of Ramnad to the title of rajah, and stating that there is no objection to the use of the title *Setupati* as a complimentary form of address, recorded.	19th do. do. No. 3441 W.	......
Dowlaishweram Hospital.—The lascar and sweeper attached to the — to be regarded as supernumerary in the Godávari Eastern Division of the Public Works Department, and absorbed on the occurrence of vacancies from the date the hospital is taken over by the Taluk Board.	19th do. do. No. 3443 W.	28th Nov. 1890, No. 4947 C. 9th Dec. 1890, No. 5127 C. 30th Mar. 1891, No. 1752 C. 7th April 1891, No. 13 D. 6th Aug. 1891, No. 2106 W. 24th Sept. 1891, No. 2576 W.
Overseer's temporary quarters at Ralli, Godávari Western Division.—The sale of the materials of the —, by public auction, sanctioned.	19th do. do. No. 3444 W.	10th April 1891, No. 1005 W. 20th Aug. 1891, No. 2252 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
		(*Continued.*) 1st June 1891, No. 1499 W. 3rd June 1891, No. 1517 W.
G. Ramayya, Store-keeper, Bellary Division.—Proceedings in the Educational Department exempting —, from the Upper Secondary examination so far as his present post on Rs. 50 is concerned, communicated to the Superintending Engineer, III Circle.	19th Dec. 1891, No. 3445 W.	......
Funds.—Certain sums of money outstanding in the accounts of the VI Circle, ordered to be credited to Provincial revenues.	19th do. do. No. 3446 W.	1st Dec. 1891, No. 3215 W.
Stable.—The purchase of the — built by Sergeant Hambley in the workshop compound at Bezváda, sanctioned.	19th do. do. No. 3447 W.	......
Quarters.—The hiring of — for Sergeant Burke at Ootacamund at a rental exceeding the authorised scale, sanctioned with remarks.	19th do. do. No. 3448 W.	16th May 1889, No. 1302 W. 30th May 1890, No. 1519 W. 28th Mar. 1891, No. 888 W. 19th June 1891, No. 1655 W. 29th Oct. 1891, No. 2894 W.
Messenger Karuppan.—Sanction accorded to the Superintending Engineer, IV Circle, having taken — on his visit to Tanjore.	19th do. do. No. 3449 W.	5th Dec. 1891, No. 3266 W.
Sub-Conductor F. Heinig — granted a deputation allowance of Rs. 30 per mensem from 18th November to 4th December 1891, during which period he was employed on rain-making experiment at Bellary.	19th do. do. No. 3450 W.	5th Dec. 1891, No. 5466 C.
Printing forms.—Sanctioning Rs. 40, being the cost of — in the Nellore Division subject to the countersignature of the bills by the Superintendent, Government Press.	19th do. do. No. 3451 W.	19th Aug. 1887, No. 2213 W. 9th Feb. 1889, No. 666 C. 17th Sept. 1891, No. 2491 W. 14th Sept. 1891, No. 2460 W.
Signallers' quarters at Trichinopoly.—Endorsement by the Deputy Director-General of Telegraphs forwarding copy of a note stating what allotment has been made for constructing bath-rooms for the —, communicated to the Superintending Engineer, VI Circle, and the Examiner, Public Works Accounts.	19th do. do. No. 3452 W.	......
Correspondence.—Letter from the Secretary, Public Works Department, India Office, stating what communications from the Public Works Department to the address of the Secretary of State have been received, recorded.	19th do. do. No. 3453 W.	25th May 1891, No. 140 P.W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
District Munsif's Court at Salem.—The order of 19th May 1891, No. 1359 W., directing the sale of the —, ordered to be rescinded if not already acted on —.	21st Dec. 1891, No. 3454 W.	19th May 1891, No. 1359 W.
Engineers required in Burma.—The Government of India informed by telegram that no officers from this Presidency can be spared for duty as — until famine troubles are over.	21st do. do. No. 3455 W.	......
Nominal Muster Rolls.—Intimation from the Executive Engineer, Bellary Division, that certain — have now been completed, recorded.	21st do. do. No. 3456 W.	7th April 1891, No. 1951 C. 17th Mar. 1891, No. 1489 C. 17th Jan. 1891, No. 241 C. 9th Dec. 1890, No. 5114 C. 17th Nov. 1890, No. 3056 W. 29th Sept. 1890, No. 3920 C. 2nd Aug. 1890, No. 3262 C. 18th July 1890, No. 1959 W. 17th June 1890, No. 1679 W. 30th May 1890, No. 2431 C. 16th May 1890, No. 2271 C. 20th Mar. 1890, No. 912 W. 18th Feb. 1890, No. 533 W. 12th Aug. 1889, No. 3621 C. 20th May 1889, No. 1343 W. 10th Dec. 1891, No. 5551 C. 14th Dec. 1891, No. 5617 E.
Notes of Inspection.—Remarks of the Examiner, Public Works Accounts, on replies by the Executive Engineer, Kurnool Division, to the — by the Deputy Examiner of the Kurnool Division office, communicated to the Superintending Engineer, III Circle.	22nd do. do. No. 3460 W.	13th April 1891, No. 1035 W. 30th Sept. 1891, No. 2615 W. 2nd Dec. 1891, No. 5411 C.
Revised estimates.—Proceedings, Financial Department, recording resolution of the Government of India fixing the dates for submission of the — for 1891-92 and the budget estimate for 1892-93, recorded.	21st do. do. No. 3457 W.	17th Dec 1890, No. 3362 W

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Government-houses.—Letter from the Private Secretary to His Excellency the Governor stating that he has handed over charge of the Furniture Allotment Fund for — to Captain the Honorable R. T. Lawley, who will administer the fund in future, and that all communications regarding furniture should be addressed to the latter officer in future, communicated to officers concerned for information and guidance.	21st Dec. 1891, No. 3458 W.	......
Flagstaff at Mangalore.—Proceedings in the Financial Department authorizing the Accountant-General to place Rs. 1,121 at the disposal of the Public Works Department for repairing the —, communicated to the Superintending Engineer, IV Circle, and the Examiner, Public Works Accounts.	22nd do. do. No. 3459 W.	26th Nov. 1891, No. 3163 W.
Notes of Inspection.—Remarks of the Examiner, Public Works Accounts, on replies by the Executive Engineer, Kurnool Division, to the — by the Deputy Examiner of the Kurnool Division office, communicated to the Superintending Engineer, III Circle.	22nd do. do. No. 3460 W.	13th April 1891, No. 1035 W. 30th Sept. 1891, No. 2615 W. 2nd Dec. 1891, No. 5411 C.
Police station at Periah, Malabar District.—Proceedings in the Judicial Department approving of proposal of the Inspector-General of Police for the removal of the — to a site near the present public road, communicated to the Superintending Engineer, IV Circle.	22nd do. do. No. 3461 W.	......
Hospital building at Nándyal.—Proceedings in the Board of Revenue regarding delay in replying to certain reference on the relinquishment of the site of the —by the Southern Mahratta Railway, recorded.	22nd do. do. No. 3462 W.	20th Oct. 1890, No. 2771 W. 15th May 1891, No. 217 D. 8th Oct. 1891, No. 4397 C. 15th Oct. 1891, No. 4529 C. 17th Nov. 1891, No 5118 C. 21st Nov. 1891, No. 5208 C. 8th Dec. 1891, No. 3291 W.
Plan of Bellary roads.—Proceedings in the Local and Municipal Department recording memo. from Public Works Department calling for the return of the —, recorded.	22nd do. do. No. 3463 W.	......
Funds.—The distribution of grants under 45, Provincial Civil Works proposed by the Chief Engineer, Public Works Department, approved with remarks.	23rd do. do. No. 3464 W.	11th Dec. 1890, No. 3291 W. 12th Nov. 1891, No. 4997 C. 3rd Dec. 1891, No. 3243 W. 10th Dec. 1891, No. 3338 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Funds.—Appropriations made from the reserve for certain works in Negapatam and Chingleput Divisions.	24th Dec. 1891, No. 3465 W.	2nd Mar. 1891, No. 580 W. 24th Mar. 1891, No. 1672 C. 27th Oct. 1891, No. 2848 W. 5th Dec. 1891, No. 5471 C. 8th Dec. 1891, No. 5199 C. 18th Dec. 1891, No. 3415 W.
Lands.—Notification for the acquisition of certain — required for the Sub-Registrar's office building at Kodumudi in Erode taluk, ordered to be published in the *Fort St. George Gazette.*	28th do. do. No. 3466 W.	......
Mrs. E. Scott Taylor.—Application from — for a pension or gratuity in consideration of the circumstances attending her late husbands' death, ordered to be forwarded to the Government of India.	28th do. do. No. 3467 W.	30th Oct. 1891, No. 2910 W.
The Government of India addressed	28th do. do. No. 3468 W.	......
Mr. Thorowgood, C.E.—Decision of the Government of India that the market rate of the day is the fair rate of exchange to be allowed on the advance of £100 to be made to — on or about the 15th January 1892, communicated to Mr. Thorowgood and the Marine Department for information.	28th do. do. No. 3469 W.	10th Nov. 1891, No. 2982 W. 23rd Oct. 1891, No. 2787 W.
Lands.—Notification for the acquisition of certain — required for the construction of a taluk cutcherry in Hindupur, ordered to be published in the *Fort St. George Gazette.*	31st do. do. No. 3471 W.	......
Major C. H. P. Christie, R.E.—Copy of Notification by the Government of India attaching temporarily the services of — to the office of the Accountant-General, Public Works Department, on his return from special leave, recorded.	31st do. do. No. 3472 W.	......